

001

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-01470A
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR Dominion Exploration & Production, Inc.		7. UNIT AGREEMENT NAME River Bend Unit
3. ADDRESS AND TELEPHONE NO. 14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-5263		8. FARM OR LEASE NAME, WELL NO. RBU 9-22F
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 61°48'1"X 4420693 Y 1,670' FSL, 1,180' FWL 39.93023 NW/4 SW/4, Section 23 615920 X At proposed prod. zone 4420693 Y 1,650' FSL, 660' FEL -109.63635 NE/4 SE/4, Section 22 39.93024 109.64347		9. API WELL NO. 43-047-35723
11. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 11.12 miles southeast of Ouray, Utah		10. FIELD AND POOL, OR WILDCAT Natural Buttes
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 977'	16. NO. OF ACRES IN LEASE 120	11. SEC., T., R., M., OR BLK. A
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 215'	19. PROPOSED DEPTH 8,000'	12. COUNTY OR PARISH Uintah
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,157' GR		13. STATE Utah
17. NO. OF ACRES ASSIGNED TO THIS WELL 40 acres		20. ROTARY OR CABLE TOOLS Rotary
22. APPROX. DATE WORK WILL START* September 1, 2004		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" H-40 ST&C	48#	500'	(see Drilling Plan)
12-1/4"	9-5/8" J-55 LT&C	36#	2,800'	300 sacks Lead and 390 sacks Tail (see Drilling Plan)
7-7/8"	5-1/2" Mav-80 LT&C	17#	8,000'	90 sacks Lead and 600 sacks Tail (see Drilling Plan)

Bond Information:

Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S 63050 0330

Other Information:

Drilling Plan and Surface Use Plan are attached.

Dominion requests that this complete application for permit to drill be held confidential.

A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path. Included with the APD is the following supplemental information:

Federal Approval of this
Action is Necessary

RECEIVED
MAY 13 2004
DIV. OF OIL, GAS & MINING

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Don Hamilton Don Hamilton TITLE Agent for Dominion DATE May 10, 2004

(This space for Federal or State office use)

PERMIT NO. 43-047-35723 APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE BRADLEY G. HILL DATE 05-17-04
ENVIRONMENTAL TEST III

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency or the

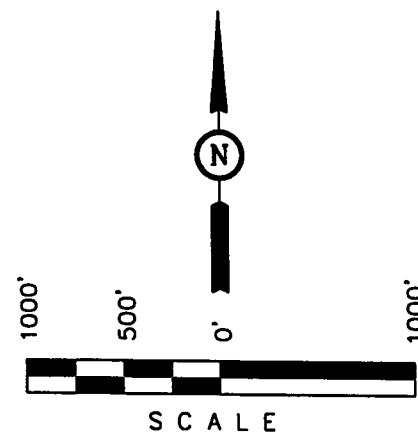
T10S, R20E, S.L.B.&M.

DOMINION EXPLR. & PROD., INC.

Well location, RBU #9-22F, located as shown in the NW 1/4 SW 1/4 of Section 23, T10S, R20E, S.L.B.&M. Uintah County Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

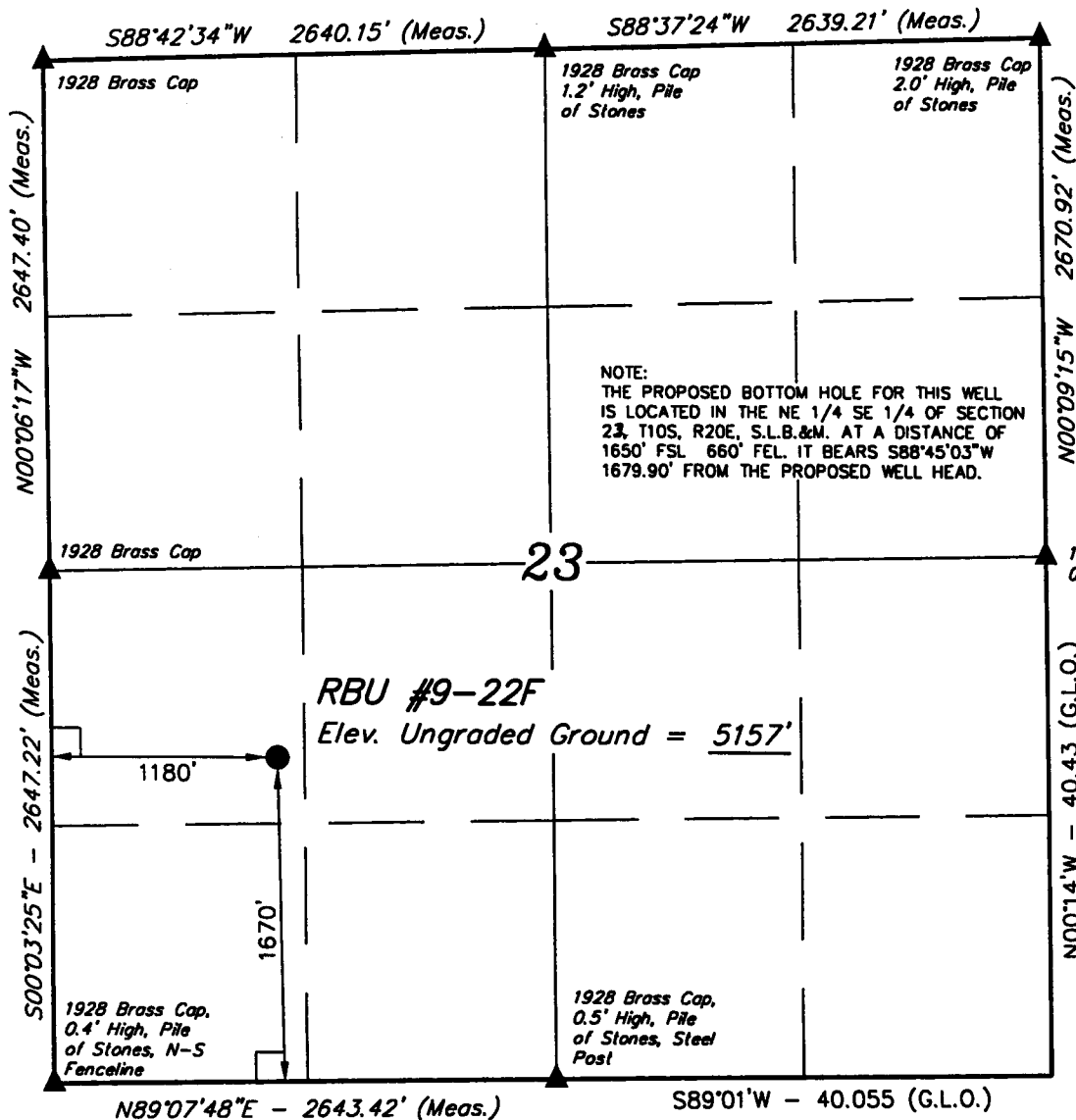


CERTIFICATION

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017



BASIS OF BEARINGS
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 39°55'49.15" (39.930319)
LONGITUDE = 109°38'15.69" (109.637692)

SCALE 1" = 1000'	DATE SURVEYED: 7-14-03	DATE DRAWN: 7-19-03
PARTY S.H. D.B. C.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE DOMINION EXPLR. & PROD., INC.	

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: RBU 9-22F
SHL: 1670' FSL & 1180' FWL Section 23-10S-20E
BHL: 1650' FSL & 660' FEL Section 22-10S-20E
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Green River	1,097'
Wasatch Tongue	4,007'
Green River Tongue	4,337'
Wasatch	4,497'
Chapita Wells	5,397'
Uteland Buttes	6,597'
Mesaverde	7,697'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Green River	1,097'	Oil
Wasatch Tongue	4,007'	Oil
Green River Tongue	4,337'	Oil
Wasatch	4,497'	Gas
Chapita Wells	5,397'	Gas
Uteland Buttes	6,597'	Gas
Mesaverde	7,697'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0'	2,800'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,000'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed.

The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

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DRILLING PLAN

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' – 500'	8.4	Air foam mist, no pressure control
500' – 2,800'	8.6	Fresh water, rotating head and diverter
2,800' – 8,000'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500–2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H₂S gas.

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

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DRILLING PLAN

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

a. Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 2,800'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	300	0'-2,000'	11.0 ppg	3.82 CFS	658 CF	1,152 CF	75%
Tail	390	2,000'-2,800'	15.6 ppg	1.20 CFS	268 CF	469 CF	75%

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.
Water requirement: 22.95 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.
Pump Time: 1 hr. 5 min. @ 90 °F.
Compressives @ 95 °F: 24 Hour is 4,700 psi

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,000'±, run and cement 5 1/2".
- Cement interface is at 3,700', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	90	3,700'-4,500'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	600	4,500'-8,000'	13.0 ppg	1.75 CFS	525 CF	1050 CF	100%

Note: Caliper will be run to determine exact cement volume.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.
Water requirement: 17.71 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.
Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.
Water requirement: 9.09 gal/sack
Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: September 1, 2004
Duration: 14 Days

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SURFACE USE PLAN

CONDITIONS OF APPROVAL

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: RBU 9-22F
SHL: 1670' FSL & 1180' FWL Section 23-10S-20E
BHL: 1650' FSL & 660' FEL Section 22-10S-20E
Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The onsite inspection for the referenced well was conducted on Thursday, April 22, 2004 at approximately 9:30 am. In attendance at the onsite inspection were the following individuals:

Jon Bingham
Stan Olmstead
Andrew Palmer
Harley Jackson
Don Hamilton

Company Representative
Environmental Scientist
Professional Engineer
Foreman
Permitting Agent

Dominion Exploration & Production, Inc.
Bureau of Land Management
Uintah Engineering and Land Surveying
Jackson Construction
Buys & Associates, Inc.

1. Existing Roads:

- a. The proposed well site is located approximately 11.12 miles southeast of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance is necessary to access the River Bend Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor since both are located within the existing federal unit boundary.

2. Planned Access Roads:

- a. The pad is adjacent to the existing access road for the RBU 12-23F.
- b. A 0.15 mile reroute of the existing road is proposed around the north side of the existing RBU 12-23F.
- c. BLM approval to construct and utilize the proposed reroute is requested with this application.
- d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.
- e. No turnouts are proposed since the access road is only 0.15 miles long and adequate site distance exists in all directions.
- f. No culverts are deemed necessary at this time. Adequate drainage structures will be incorporated into the remainder of road.
- g. No surfacing material will come from federal or Indian lands.
- h. No gates or cattle guards are anticipated at this time.
- i. Surface disturbance and vehicular travel will be limited to the approved location access road.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989).
- k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Following is a list of existing wells within a one mile radius of the proposed well:
 - i. Water wells None
 - ii. Injection wells None
 - iii. Disposal wells None
 - iv. Drilling wells None
 - v. Temp. shut-in wells 1
 - vi. Producing wells 20
 - vii. Abandon wells None
- b. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. No gas pipeline is associated with this application since the pad is adjacent to an existing 4" pipeline.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from BLM.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the southwest side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This

water will be transported from the tank to an approved Dominion disposal well for disposal.

- k. After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, an application for approval of a permanent disposal method and location will be applied for in accordance with Onshore Order #7.
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the southeast.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with a responsible company representative, contractors, and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.

- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. AIA Archaeological will conduct a Class III archeological survey. A copy of the report will be submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Our understanding of the results of the onsite inspection are:
 - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
 - b. No drainage crossings that require additional State or Federal approval are being crossed.

13. Operator's Representative and Certification

<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Mitchiel Hall	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 5-10-04

DOMINION EXPLR. & PROD., INC.
RBU #9-22F
SECTION 23, T10S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 12.7 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 44.9 MILES.

DOMINION EXPLR. & PROD., INC.

LOCATION LAYOUT FOR

RBU #9-22F

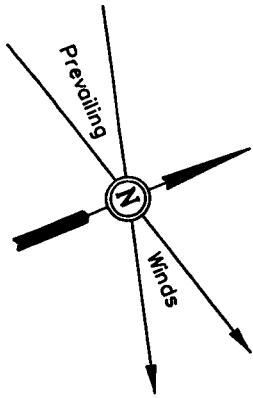
SECTION 23, T10S, R20E, S.L.B.&M.

1670' FSL 1180' FWL

F-6.4'
El. 44.1'

F-6.2'
El. 44.3'

F-0.6'
El. 49.9'



SCALE: 1" = 50'
DATE: 7-19-03
Drawn By: C.G.

Approx.
Toe of
Fill Slope

Reserve Pit Backfill
& Spoils Stockpile

FLARE PIT

El. 56.8'
C-14.3'
(btm. pit)

C-7.4'
El. 57.9'

C-7.3'
El. 57.8'

C-6.7'
El. 57.2'

20' WIDE BENCH

30'

35'

RIG DOG HOUSE

110'

Pit Capacity With
2' of Freeboard
is 10,040 Bbls. ±

Sta. 1+10

RESERVE PITS
(8' Deep)

10' WIDE BENCH

140'

Slope = 1-1/2:1

20' WIDE BENCH

El. 47.7'
C-5.2'
(btm. pit)

Approx.
Top of
Cut Slope

C-8.2'
El. 58.7'

C-11.1'
El. 61.6'

C-10.6'
El. 61.1'

C-10.1'
El. 60.6'

Topsoil Stockpile

Round Corners
as Needed

CATWALK

PIPE RACKS

MUD TANKS

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

TRASH

TRAILER

TOILET

FUEL

STORAGE
TANK

Anchor

Sta. 3+55

Sta. 1+80

Heater

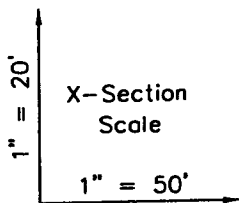
C-3.0'
El. 53.5'

Existing Road

Sta. 0+00

Elev. Ungraded Ground at Location Stake = 5157.2'
Elev. Graded Ground at Location Stake = 5150.5'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



DOMINION EXPLR. & PROD., INC.

TYPICAL CROSS SECTIONS FOR

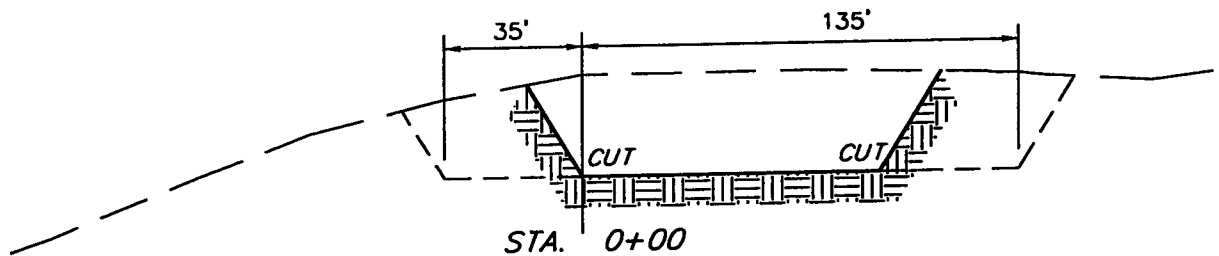
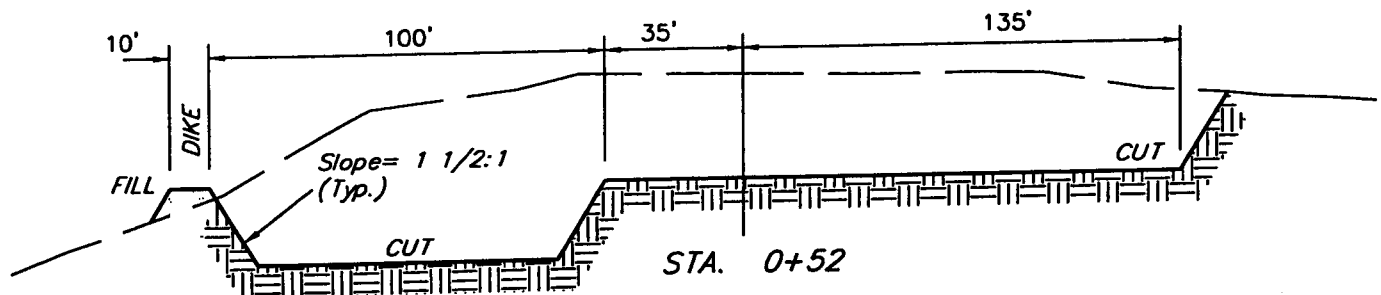
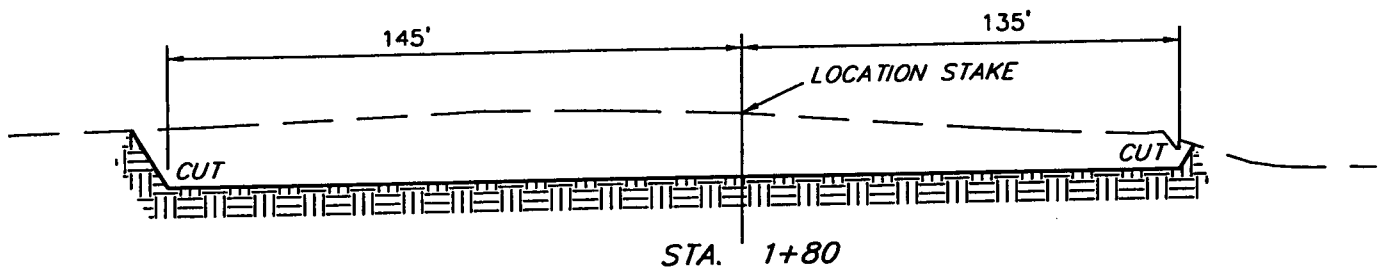
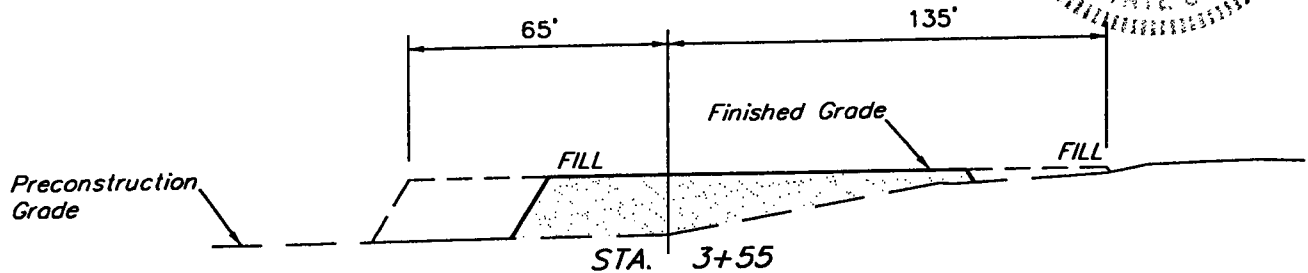
RBU #9-22F

SECTION 23, T10S, R20E, S.L.B.&M.

1670' FSL 1180' FWL

DATE: 7-19-03

Drawn By: C.G.



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,400 Cu. Yds.
Remaining Location	= 20,030 Cu. Yds.
TOTAL CUT	= 21,430 CU.YDS.
FILL	= 1,110 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 20,260 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,930 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 17,330 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
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DOMINION EXPLR. & PROD., INC.

RBU #9-22F

LOCATED IN UINTAH COUNTY, UTAH
SECTION 23, T10S, R20E, S.L.B.&M.

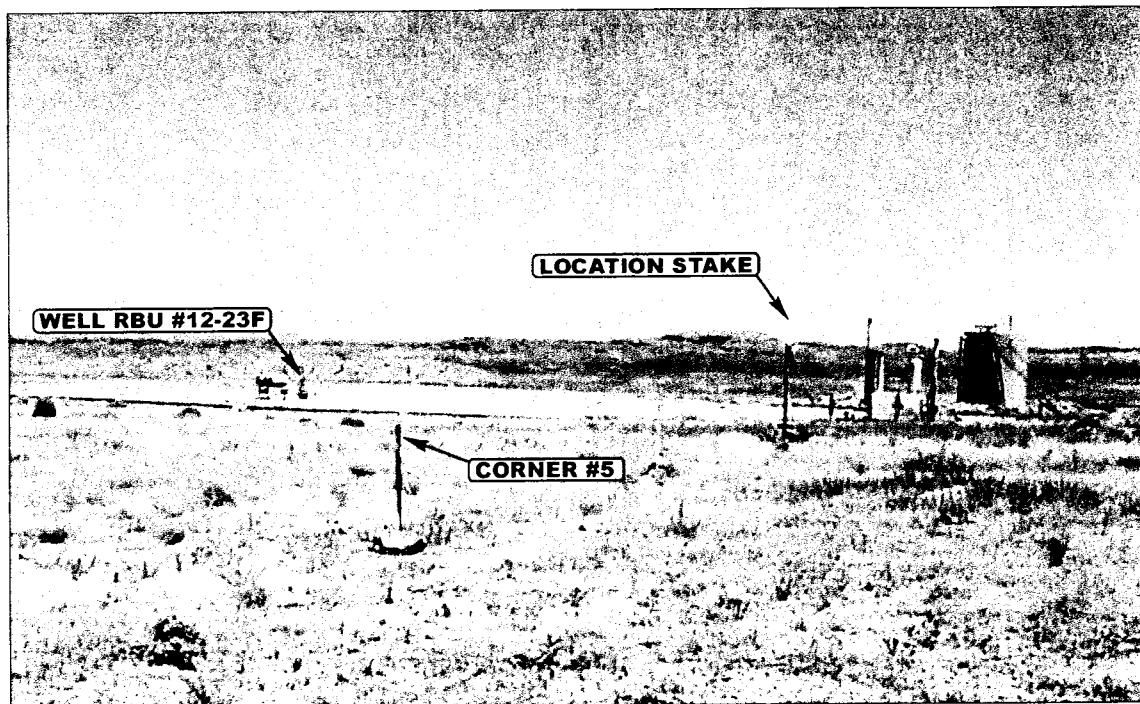


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

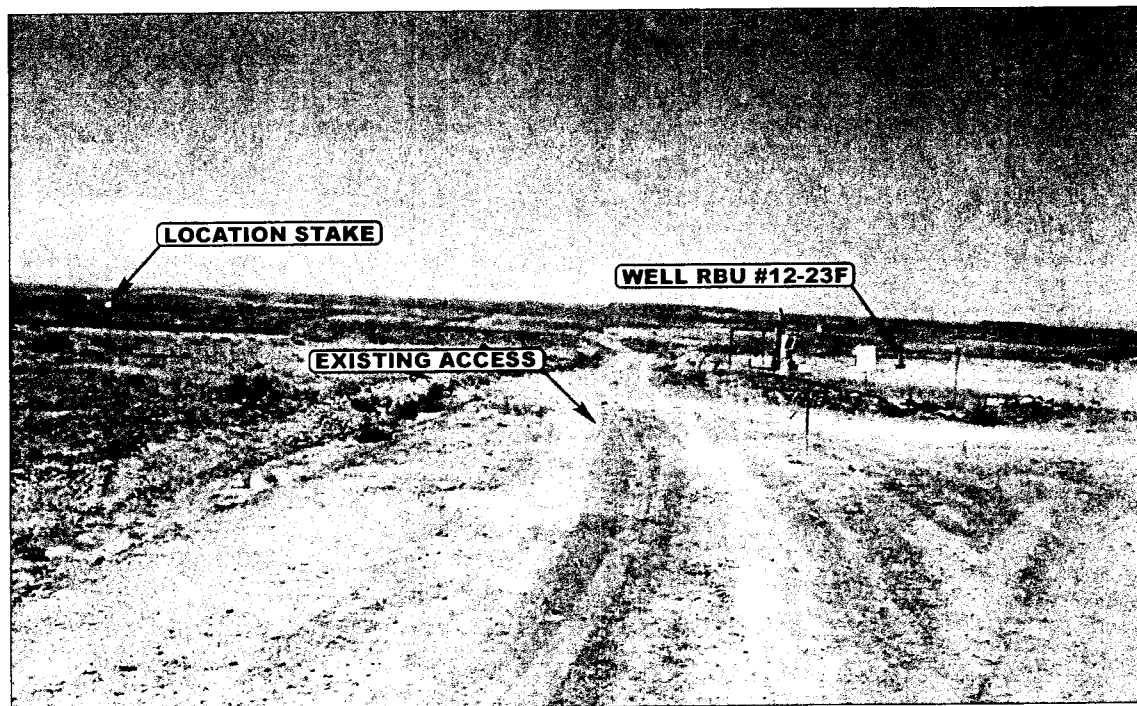


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

E&L S Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

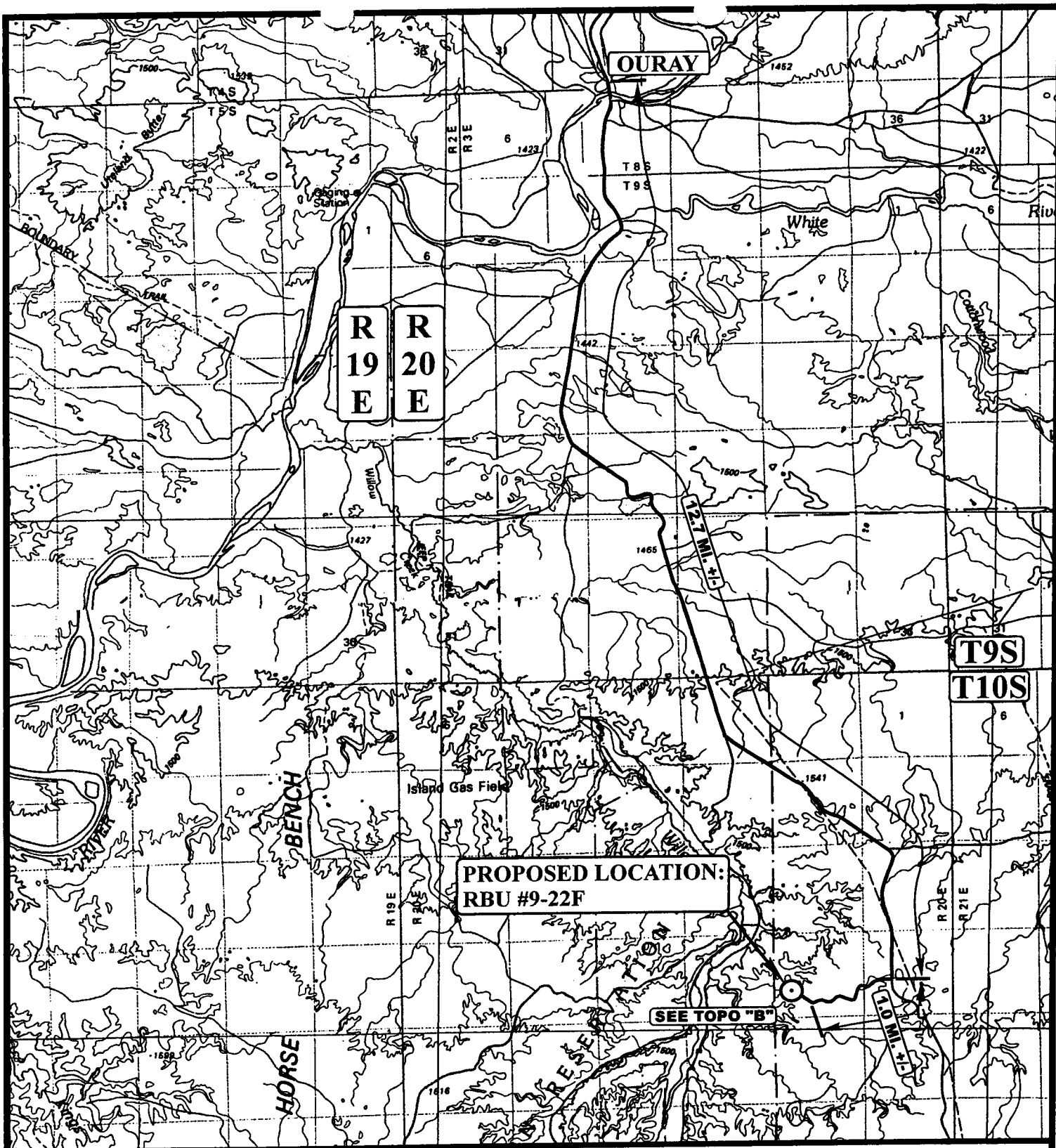
07 15 03
MONTH DAY YEAR

PHOTO

TAKEN BY: S.H.

DRAWN BY: P.M.

REVISED: 00-00-00



LEGEND:

⊙ PROPOSED LOCATION

DOMINION EXPLR. & PROD., INC.

RBU #9-22F

SECTION 23, T10S, R20E, S.L.B.&M.

1670' FSL 1180' FWL



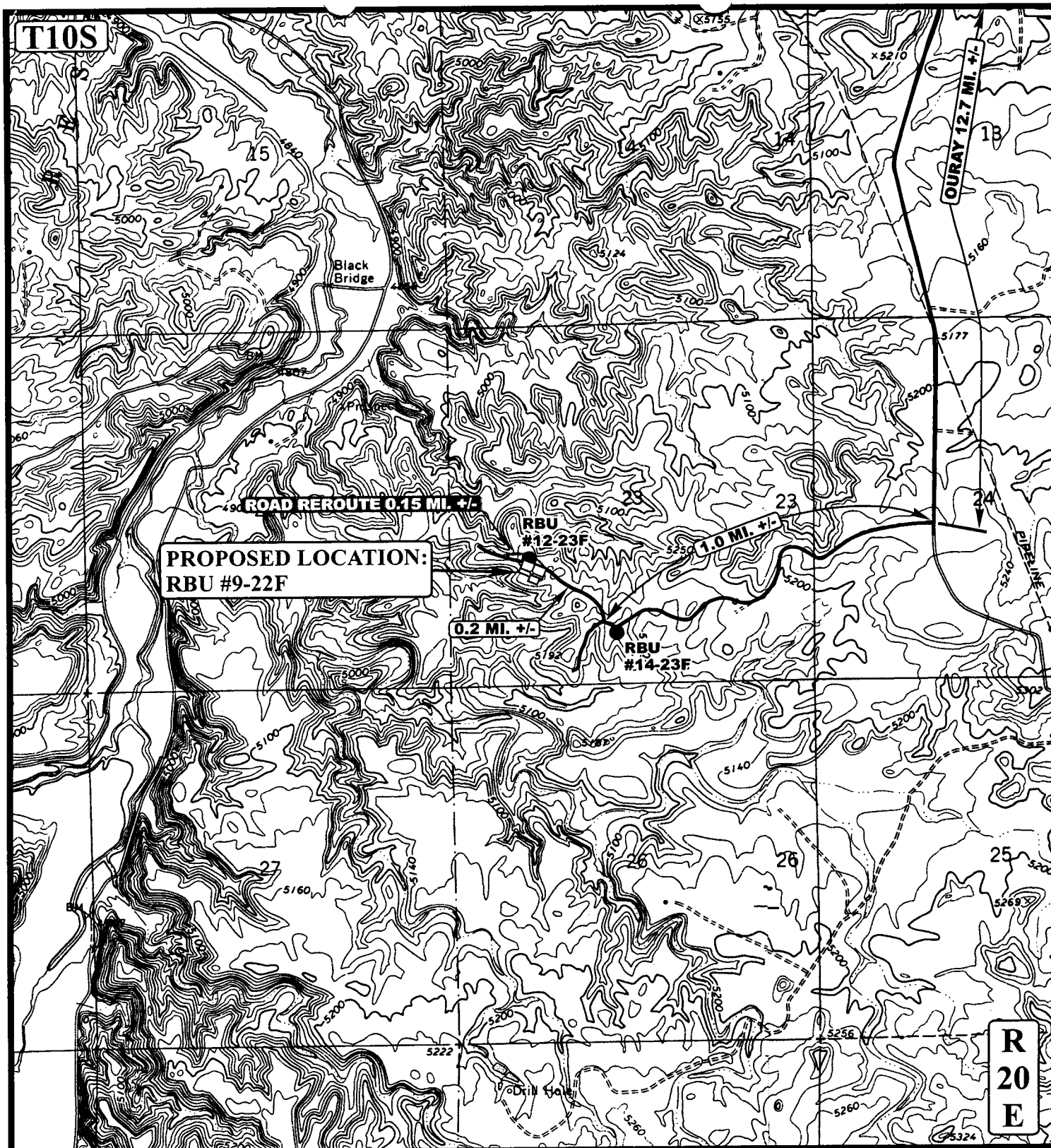
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP
SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00

07 15 03
MONTH DAY YEAR





LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- ROAD REROUTE



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DOMINION EXPLR. & PROD., INC.

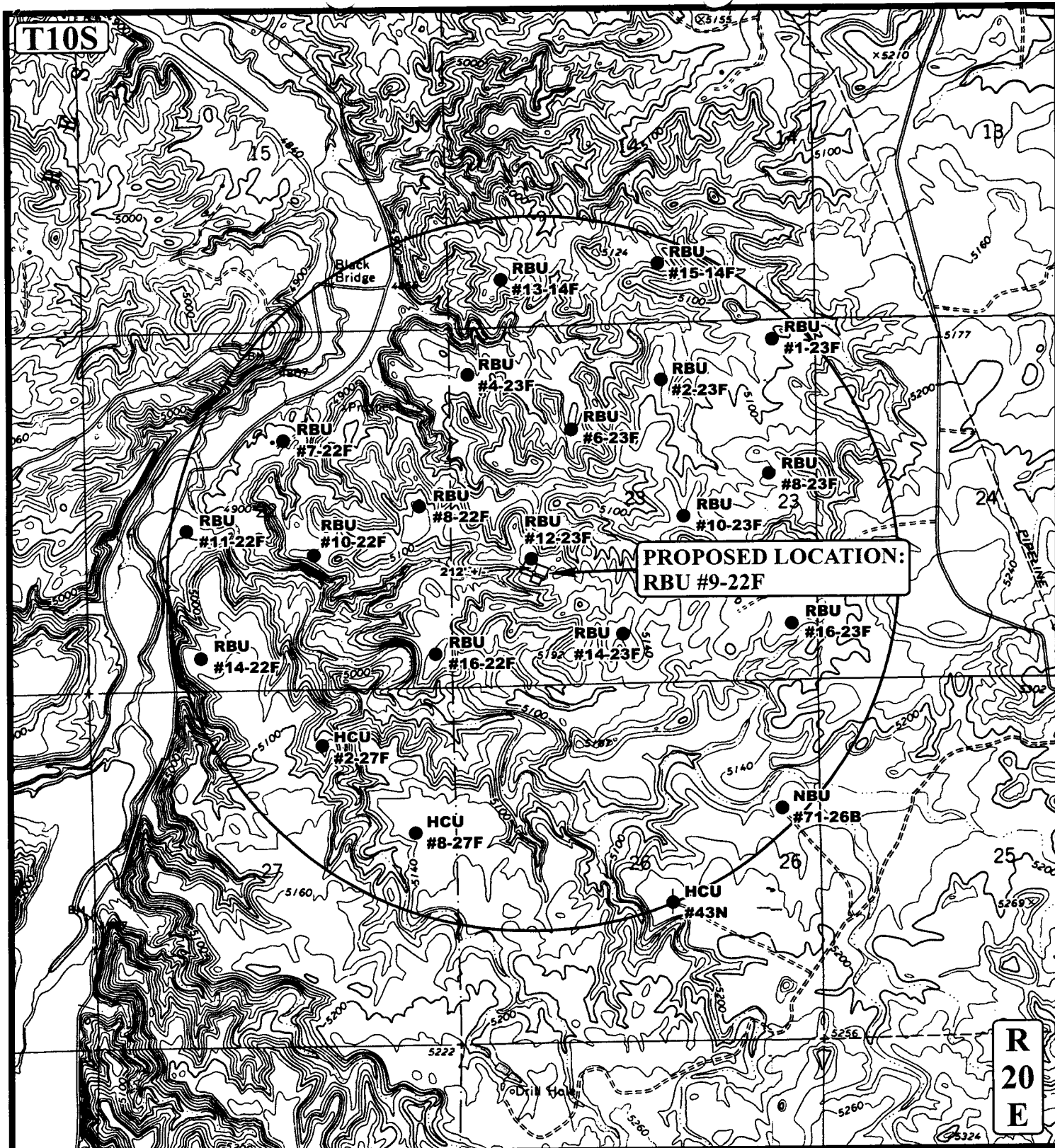
RBU #9-22F
 SECTION 23, T10S, R20E, S.L.B.&M.
 1670' FSL 1180' FWL

TOPOGRAPHIC
MAP

07 **15** **03**
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

B
 TOPO



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

DOMINION EXPLR. & PROD., INC.

RBU #9-22F
SECTION 23, T10S, R20E, S.L.B.&M.
1670' FSL 1180' FWL



Uintah Engineering & Land Surveying
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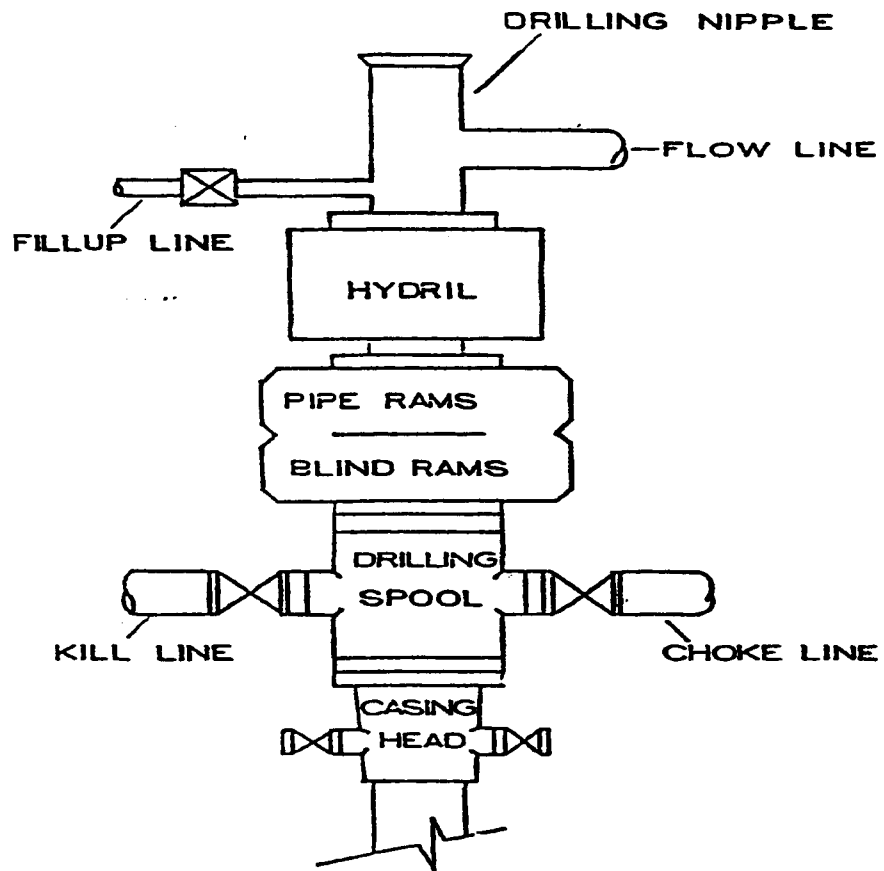
TOPOGRAPHIC
MAP

07 15 03
 MONTH DAY YEAR

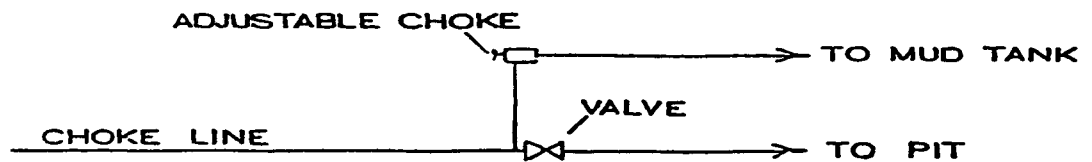
SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

C
TOPO

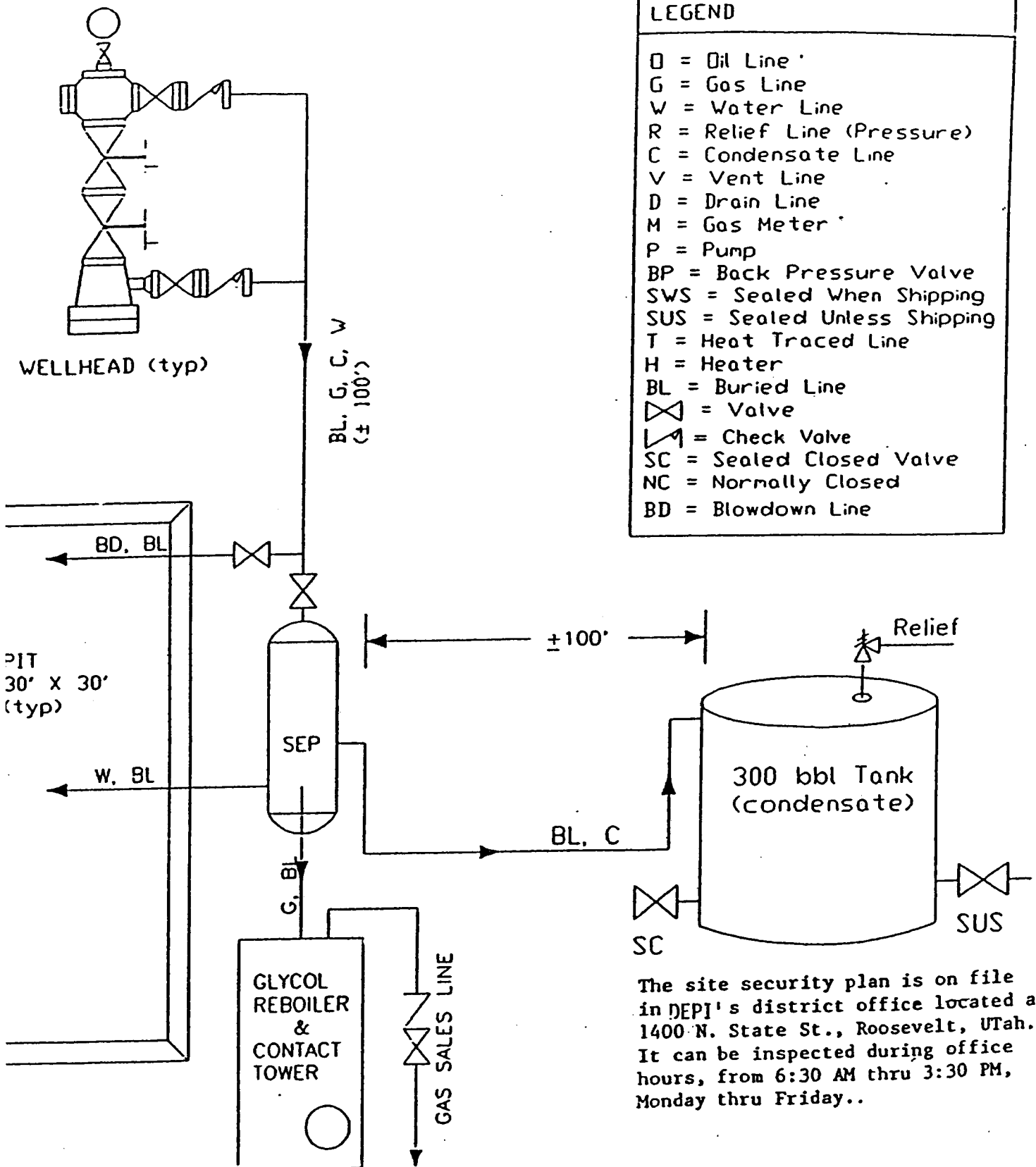
BOP STACK



CHOKE MANIFOLD



CONFIDENTIAL



DOMINION EXPLORATION & PRODUCTION, INC.

TYPICAL FLOW DIAGRAM

not to scale

date: / /

005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/13/2004

API NO. ASSIGNED: 43-047-35723

WELL NAME: RBU 9-22F

OPERATOR: DOMINION EXPL & PROD (N1095)

CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

NWSW 23 100S 200E

SURFACE: 1670 FSL 1180 FWL

NESE BOTTOM: 1650 FSL 0660 FEL Sec. 22

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-01470A

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review**Initials****Date**

Engineering

Geology

Surface

LATITUDE: 39.93023

LONGITUDE: 109.63685

RECEIVED AND/OR REVIEWED:

☒ Plat☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 76S630500330)☒ Potash (Y/N)☒ Oil Shale 190-5 (B) or 190-3 or 190-13☒ Water Permit
(No. 43-10447)☒ RDCC Review (Y/N)
(Date:)☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit RIVER BEND

R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

Drilling Unit

Board Cause No: _____

Eff Date: _____

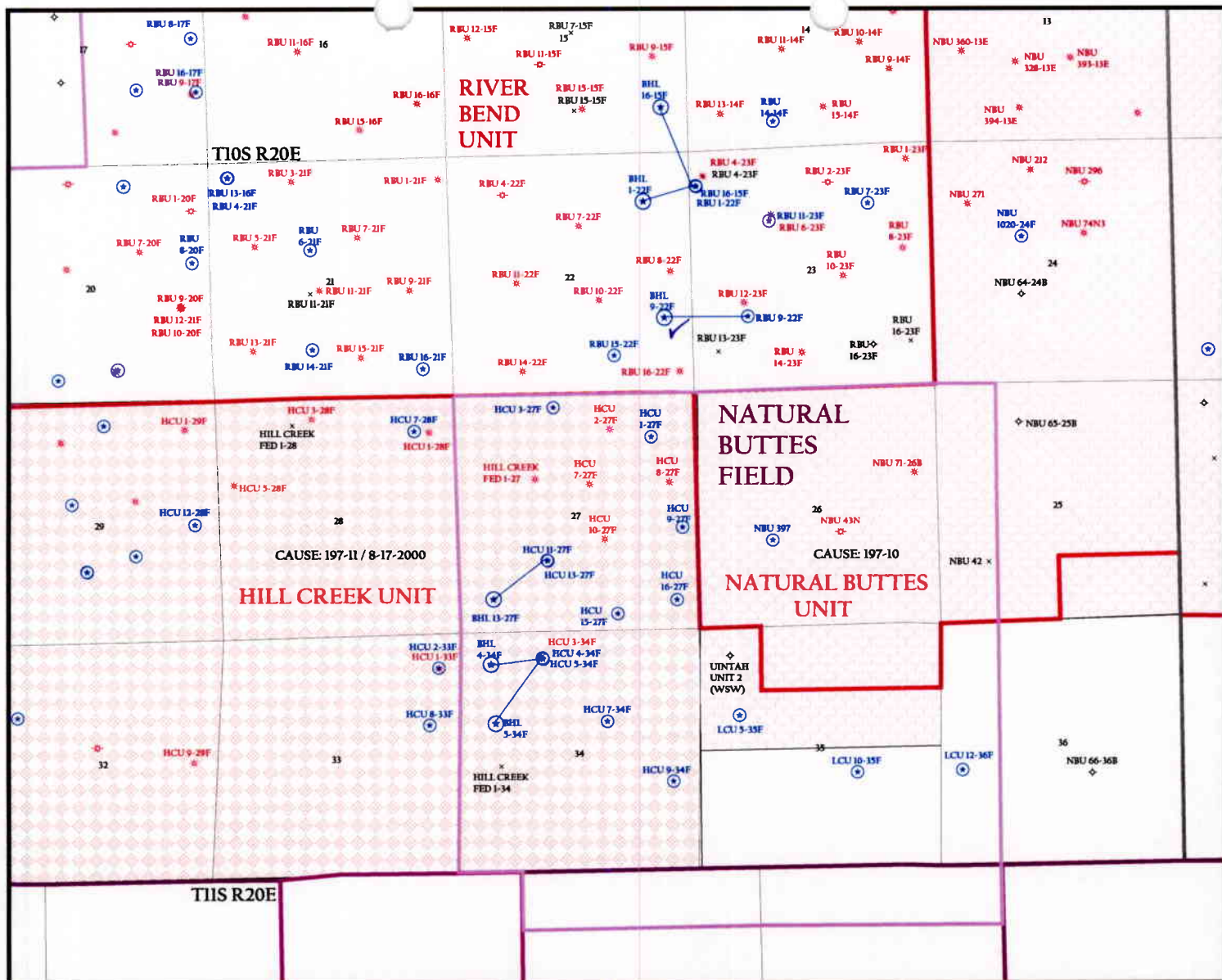
Siting: _____

☒ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal Approval
 2- Spacing Strip
 3- OIL SHALE



OPERATOR: DOMINION EXPL & PROD (NI095)

SEC. 23 T.10S, R.20E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING

Well Status

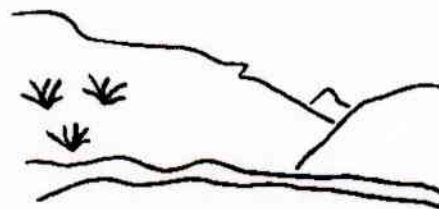
- ⚡ GAS INJECTION
- ⊙ GAS STORAGE
- × LOCATION ABANDONED
- ⊕ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- * PRODUCING GAS
- PRODUCING OIL
- ⊖ SHUT-IN GAS
- ⊖ SHUT-IN OIL
- ✕ TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- ◆ WATER SUPPLY
- ⚡ WATER DISPOSAL

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 14-MAY-2004



300 E. Mineral Ave., Suite 10
 Littleton, CO 80122-2631
 303/781-8211 303/781-1167 Fax

May 10, 2004

Fluid Minerals Group
 Bureau of Land Management
 Vernal Field Office
 170 South 500 East
 Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.
RBU 9-22F, *Surface Location:* 1,670' FSL, 1,180' FWL, NW/4 SW/4, Section 23,
Target Location: 1,650' FSL, 660' FEL, NE/4 SE/4, Section 22,
 T10S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and two copies of the *Application for Permit to Drill (APD)* for the above referenced directional well. Included with the APD is the following supplemental information:

- Exhibit "A" - Survey plats, layouts and photos of the proposed well site;
- Exhibit "B" - Proposed location maps with access and utility corridors;
- Exhibit "C" - Production site layout;
- Exhibit "D" - Drilling Plan with Directional Drilling Proposal;
- Exhibit "E" - Surface Use Plan;
- Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

Don Hamilton
 Don Hamilton
 Agent for Dominion

cc: Diana Mason, Division of Oil, Gas and Mining
 Carla Christian, Dominion
 Marty Buys, Buys & Associates, Inc.

RECEIVED

MAY 13 2004

DIV. OF OIL, GAS & MINING

FILE COPY

CONFIDENTIAL

Ryan Energy

Ryan Planing Full

Company: Dominion Exploration & Product		Date: 4/2/2004	Time: 12:54:42	Page: 1
Field: Uintah County, Utah		Co-ordinate(NE) Reference:	Site: RBU #9-22F, Grid North	
Site: RBU #9-22F		Vertical (TVD) Reference:	est. RKB 5137.0	
Well: RBU #9-22F		Section (VS) Reference:	Well (0.00N,0.00E,269.38Azi)	
Wellpath: OH		Survey Calculation Method:	Minimum Curvature Db: Sybase	

Plan: Plan #1	Date Composed: 3/31/2004
Principal: Yes	Version: 3
	Tied-to: From Surface

Field: Uintah County, Utah Natural Buttes Field USA		Map Zone: Utah, Central Zone
Map System: US State Plane Coordinate System 1927		Coordinate System: Site Centre
Geo Datum: NAD27 (Clarke 1866)		Geomagnetic Model: igrf2000
Sys Datum: Mean Sea Level		

Site: RBU #9-22F Natural Buttes Field Sec. 23, T10S, R20E	
Site Position:	Northing: 587101.10 ft
From: Geographic	Easting: 2522203.63 ft
Position Uncertainty: 0.00 ft	Latitude: 39 55 49.148 N
Ground Level: 5151.00 ft	Longitude: 109 38 15.691 W
	North Reference: Grid
	Grid Convergence: 1.19 deg

Well: RBU #9-22F	Slot Name:
Well Position: +N/-S 0.00 ft	Latitude: 39 55 49.148 N
+E/-W 0.00 ft	Longitude: 109 38 15.691 W
Position Uncertainty: 0.00 ft	

Wellpath: OH	Drilled From: Surface
Current Datum: est. RKB	Tie-on Depth: 0.00 ft
Magnetic Data: 4/2/2004	Above System Datum: Mean Sea Level
Field Strength: 53151 nT	Declination: 12.30 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 66.02 deg
ft	+N/-S
	+E/-W
	ft
	Direction
	deg
0.00	0.00
0.00	0.00
0.00	269.38

Plan Section Information										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	269.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	269.38	550.00	0.00	0.00	0.00	0.00	0.00	269.38	
1337.04	31.48	269.38	1298.03	-2.29	-210.82	4.00	4.00	0.00	269.38	
3918.62	31.48	269.38	3499.63	-16.94	-1558.90	0.00	0.00	0.00	0.00	
4968.00	0.00	269.38	4497.00	-20.00	-1840.00	3.00	-3.00	0.00	180.00	Wasatch
5868.00	0.00	269.38	5397.00	-20.00	-1840.00	0.00	0.00	0.00	269.38	Chapita Wells
7068.00	0.00	269.38	6597.00	-20.00	-1840.00	0.00	0.00	0.00	269.38	Uteland Buttes
8168.00	0.00	269.38	7697.00	-20.00	-1840.00	0.00	0.00	0.00	269.38	Mesaverde
8471.00	0.00	269.38	8000.00	-20.00	-1840.00	0.00	0.00	0.00	269.38	TD

Casing Points				
MD ft	TVD ft	Diameter in	Hole Size in	Name
520.00	520.00	13.375	17.500	13 3/8" Surf Csg
3098.24	2800.00	9.625	12.250	9 5/8" Int Csg

Targets										
Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec	← Longitude → Deg Min Sec	
Green River			1097.00	-1.18	-108.55	587099.92	2522095.08	39 55 49.159 N	109 38 17.085 W	
-Plan hit target										
Wasatch Tongue			4007.00	-19.31	-1776.08	587081.79	2520427.55	39 55 49.322 N	109 38 38.492 W	
-Plan hit target										
Green River Tongue			4337.00	-19.83	-1833.29	587081.27	2520370.34	39 55 49.329 N	109 38 39.226 W	
-Plan hit target										
Wasatch			4497.00	-20.00	-1840.00	587081.10	2520363.63	39 55 49.328 N	109 38 39.312 W	

Ryan Energy

Ryan Planing Full

Company: Dominion Exploration & Product
Field: Uintah County, Utah
Site: RBU #9-22F
Well: RBU #9-22F
Wellpath: OH

Date: 4/2/2004 Time: 12:54:42 Page: 2
Co-ordinate(NE) Reference: Site: RBU #9-22F, Grid North
Vertical (TVD) Reference: est. RKB 5137.0
Section (VS) Reference: Well (0.00N,0.00E,269.38Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
-Plan hit target Chapita Wells			5397.00	-20.00	-1840.00	587081.102520363.63		39 55 49.328 N	109 38 39.312 W
-Plan hit target Uteland Buttes			6597.00	-20.00	-1840.00	587081.102520363.63		39 55 49.328 N	109 38 39.312 W
-Plan hit target Mesaverde			7697.00	-20.00	-1840.00	587081.102520363.63		39 55 49.328 N	109 38 39.312 W
-Plan hit target TD			8000.00	-20.00	-1840.00	587081.102520363.63		39 55 49.328 N	109 38 39.312 W
-Plan hit target									

Survey

MD ft	Incl deg	Azim deg	TVD ft	Subsea ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	LLNS ft	LLEW ft	
0.00	0.00	269.38	0.00	-5137.00	0.00	0.00	0.00	0.00	0.00	0.00	1670.00	1180.00	
100.00	0.00	269.38	100.00	-5037.00	0.00	0.00	0.00	0.00	0.00	0.00	1670.00	1180.00	
200.00	0.00	269.38	200.00	-4937.00	0.00	0.00	0.00	0.00	0.00	0.00	1670.00	1180.00	
300.00	0.00	269.38	300.00	-4837.00	0.00	0.00	0.00	0.00	0.00	0.00	1670.00	1180.00	
400.00	0.00	269.38	400.00	-4737.00	0.00	0.00	0.00	0.00	0.00	0.00	1670.00	1180.00	
500.00	0.00	269.38	500.00	-4637.00	0.00	0.00	0.00	0.00	0.00	0.00	1670.00	1180.00	
520.00	0.00	269.38	520.00	-4617.00	0.00	0.00	0.00	0.00	0.00	0.00	1670.00	1180.00	13 3/8" Su
550.00	0.00	269.38	550.00	-4587.00	0.00	0.00	0.00	0.00	0.00	0.00	1670.00	1180.00	
600.01	2.00	269.38	600.00	-4537.00	0.87	-0.01	-0.87	4.00	4.00	0.00	1669.99	1179.13	
700.28	6.01	269.38	700.00	-4437.00	7.88	-0.09	-7.88	4.00	4.00	0.00	1669.91	1172.12	
801.29	10.05	269.38	800.00	-4337.00	21.99	-0.24	-21.98	4.00	4.00	0.00	1669.76	1158.02	
903.58	14.14	269.38	900.00	-4237.00	43.42	-0.47	-43.42	4.00	4.00	0.00	1669.53	1136.58	
1007.75	18.31	269.38	1000.00	-4137.00	72.52	-0.79	-72.52	4.00	4.00	0.00	1669.21	1107.48	
1111.25	22.45	269.38	1097.00	-4040.00	108.56	-1.18	-108.55	4.00	4.00	0.00	1668.82	1071.45	Green River
1114.50	22.58	269.38	1100.00	-4037.00	109.80	-1.19	-109.79	4.00	4.00	0.00	1668.81	1070.21	
1224.67	26.99	269.38	1200.00	-3937.00	155.97	-1.70	-155.96	4.00	4.00	0.00	1668.30	1024.04	
1337.04	31.48	269.38	1298.03	-3838.97	210.83	-2.29	-210.82	4.00	4.00	0.00	1667.71	969.18	
1339.35	31.48	269.38	1300.00	-3837.00	212.04	-2.30	-212.03	0.00	0.00	0.00	1667.70	967.97	
1456.61	31.48	269.38	1400.00	-3737.00	273.28	-2.97	-273.26	0.00	0.00	0.00	1667.03	906.74	
1573.87	31.48	269.38	1500.00	-3637.00	334.51	-3.64	-334.49	0.00	0.00	0.00	1666.36	845.51	
1691.13	31.48	269.38	1600.00	-3537.00	395.75	-4.30	-395.73	0.00	0.00	0.00	1665.70	784.27	
1808.39	31.48	269.38	1700.00	-3437.00	456.98	-4.97	-456.96	0.00	0.00	0.00	1665.03	723.04	
1925.65	31.48	269.38	1800.00	-3337.00	518.22	-5.63	-518.19	0.00	0.00	0.00	1664.37	661.81	
2042.90	31.48	269.38	1900.00	-3237.00	579.46	-6.30	-579.42	0.00	0.00	0.00	1663.70	600.58	
2160.16	31.48	269.38	2000.00	-3137.00	640.69	-6.96	-640.65	0.00	0.00	0.00	1663.04	539.35	
2277.42	31.48	269.38	2100.00	-3037.00	701.93	-7.63	-701.88	0.00	0.00	0.00	1662.37	478.12	
2394.68	31.48	269.38	2200.00	-2937.00	763.16	-8.29	-763.12	0.00	0.00	0.00	1661.71	416.88	
2511.94	31.48	269.38	2300.00	-2837.00	824.40	-8.96	-824.35	0.00	0.00	0.00	1661.04	355.65	
2629.20	31.48	269.38	2400.00	-2737.00	885.63	-9.63	-885.58	0.00	0.00	0.00	1660.37	294.42	
2746.46	31.48	269.38	2500.00	-2637.00	946.87	-10.29	-946.81	0.00	0.00	0.00	1659.71	233.19	
2863.72	31.48	269.38	2600.00	-2537.00	1008.10	-10.96	-1008.04	0.00	0.00	0.00	1659.04	171.96	
2980.98	31.48	269.38	2700.00	-2437.00	1069.34	-11.62	-1069.28	0.00	0.00	0.00	1658.38	110.72	
3098.24	31.48	269.38	2800.00	-2337.00	1130.57	-12.29	-1130.51	0.00	0.00	0.00	1657.71	49.49	9 5/8" Int
3215.50	31.48	269.38	2900.00	-2237.00	1191.81	-12.95	-1191.74	0.00	0.00	0.00	1657.05	-11.74	
3332.76	31.48	269.38	3000.00	-2137.00	1253.05	-13.62	-1252.97	0.00	0.00	0.00	1656.38	-72.97	
3450.02	31.48	269.38	3100.00	-2037.00	1314.28	-14.28	-1314.20	0.00	0.00	0.00	1655.72	-134.20	
3567.28	31.48	269.38	3200.00	-1937.00	1375.52	-14.95	-1375.43	0.00	0.00	0.00	1655.05	-195.43	
3684.54	31.48	269.38	3300.00	-1837.00	1436.75	-15.62	-1436.67	0.00	0.00	0.00	1654.38	-256.67	
3801.80	31.48	269.38	3400.00	-1737.00	1497.99	-16.28	-1497.90	0.00	0.00	0.00	1653.72	-317.90	
3919.06	31.47	269.38	3500.00	-1637.00	1559.22	-16.95	-1559.13	0.01	-0.01	0.00	1653.05	-379.13	

Ryan Energy

Ryan Planing Full

Company: Dominion Exploration & Product
Field: Uintah County, Utah
Site: RBU #9-22F
Well: RBU #9-22F
Wellpath: OH

Date: 4/2/2004 Time: 12:54:42 Page: 3
Co-ordinate(NE) Reference: Site: RBU #9-22F, Grid North
Vertical (TVD) Reference: est. RKB 5137.0
Section (VS) Reference: Well (0.00N,0.00E,269.38Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

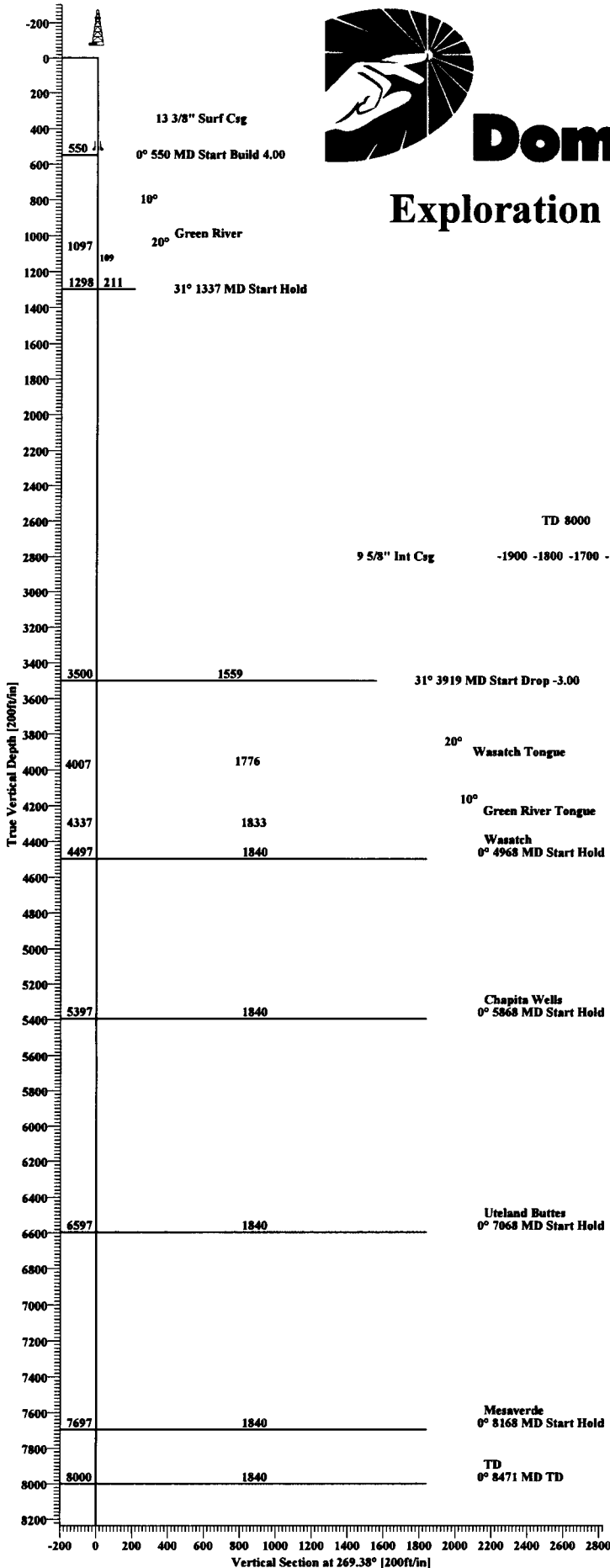
MD ft	Incl deg	Azim deg	TVD ft	Subsea ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	LLNS ft	LLEW ft	
4034.24	28.01	269.38	3600.00	-1537.00	1616.36	-17.57	-1616.26	3.00	-3.00	0.00	1652.43	-436.26	
4145.84	24.66	269.38	3700.00	-1437.00	1665.86	-18.11	-1665.76	3.00	-3.00	0.00	1651.89	-485.76	
4254.52	21.40	269.38	3800.00	-1337.00	1708.38	-18.57	-1708.28	3.00	-3.00	0.00	1651.43	-528.28	
4360.83	18.22	269.38	3900.00	-1237.00	1744.40	-18.96	-1744.30	3.00	-3.00	0.00	1651.04	-564.30	
4465.21	15.08	269.38	4000.00	-1137.00	1774.31	-19.28	-1774.20	3.00	-3.00	0.00	1650.72	-594.20	
4472.46	14.87	269.38	4007.00	-1130.00	1776.18	-19.31	-1776.08	3.00	-3.00	0.00	1650.69	-596.08	Wasatch Tr
4568.09	12.00	269.38	4100.00	-1037.00	1798.39	-19.55	-1798.28	3.00	-3.00	0.00	1650.45	-618.28	
4669.79	8.95	269.38	4200.00	-937.00	1816.87	-19.75	-1816.77	3.00	-3.00	0.00	1650.25	-636.77	
4770.65	5.92	269.38	4300.00	-837.00	1829.92	-19.89	-1829.81	3.00	-3.00	0.00	1650.11	-649.81	
4807.81	4.81	269.38	4337.00	-800.00	1833.39	-19.93	-1833.29	3.00	-3.00	0.00	1650.07	-653.29	Green River
4870.96	2.91	269.38	4400.00	-737.00	1837.64	-19.97	-1837.54	3.00	-3.00	0.00	1650.03	-657.54	
4968.00	0.00	269.38	4497.00	-640.00	1840.11	-20.00	-1840.00	3.00	-3.00	0.00	1650.00	-660.00	Wasatch
4971.00	0.00	269.38	4500.00	-637.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
5071.00	0.00	269.38	4600.00	-537.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
5171.00	0.00	269.38	4700.00	-437.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
5271.00	0.00	269.38	4800.00	-337.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
5371.00	0.00	269.38	4900.00	-237.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
5471.00	0.00	269.38	5000.00	-137.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
5571.00	0.00	269.38	5100.00	-37.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
5671.00	0.00	269.38	5200.00	63.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
5771.00	0.00	269.38	5300.00	163.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
5868.00	0.00	269.38	5397.00	260.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	Chapita We
5871.00	0.00	269.38	5400.00	263.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
5971.00	0.00	269.38	5500.00	363.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
6071.00	0.00	269.38	5600.00	463.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
6171.00	0.00	269.38	5700.00	563.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
6271.00	0.00	269.38	5800.00	663.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
6371.00	0.00	269.38	5900.00	763.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
6471.00	0.00	269.38	6000.00	863.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
6571.00	0.00	269.38	6100.00	963.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
6671.00	0.00	269.38	6200.00	1063.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
6771.00	0.00	269.38	6300.00	1163.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
6871.00	0.00	269.38	6400.00	1263.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
6971.00	0.00	269.38	6500.00	1363.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
7068.00	0.00	269.38	6597.00	1460.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	Uteland Bu
7071.00	0.00	269.38	6600.00	1463.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
7171.00	0.00	269.38	6700.00	1563.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
7271.00	0.00	269.38	6800.00	1663.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
7371.00	0.00	269.38	6900.00	1763.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
7471.00	0.00	269.38	7000.00	1863.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
7571.00	0.00	269.38	7100.00	1963.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
7671.00	0.00	269.38	7200.00	2063.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
7771.00	0.00	269.38	7300.00	2163.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
7871.00	0.00	269.38	7400.00	2263.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
7971.00	0.00	269.38	7500.00	2363.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
8071.00	0.00	269.38	7600.00	2463.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
8168.00	0.00	269.38	7697.00	2560.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	Mesaverde
8171.00	0.00	269.38	7700.00	2563.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
8271.00	0.00	269.38	7800.00	2663.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
8371.00	0.00	269.38	7900.00	2763.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	
8471.00	0.00	269.38	8000.00	2863.00	1840.11	-20.00	-1840.00	0.00	0.00	0.00	1650.00	-660.00	TD



Dominion SM

Exploration & Production

Field: Uintah County, Utah
Site: RBU #9-22F
Well: RBU #9-22F
Wellpath: OH
Plan: Plan #1



Section 23, T10S, R20E

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
RBU #9-22F	0.00	0.00	587101.10	2522203.63	39°55'49.148N	109°38'15.691W	N/A

Section 22

Section 23

TD 8000

9 5/8" Int Csg	-1900	-1800	-1700	-1600	-1500	-1400	-1300	-1200	-1100	-1000	-900	-800	-700	-600	-500	-400	-300	-200	-100	0	100	200

West(-)/East(+) [100ft/in]

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	269.38	0.00	0.00	0.00	0.00	0.00	0.00	
2	550.00	0.00	269.38	550.00	0.00	0.00	0.00	269.38	0.00	
3	1337.04	31.48	269.38	1298.83	-2.29	-210.82	4.00	269.38	210.83	
4	3918.62	31.48	269.38	3499.63	-16.94	-1558.90	0.00	0.00	1559.00	
5	4968.00	0.00	269.38	4497.00	-20.00	-1840.00	3.00	180.00	1840.11	Wasatch
6	5868.00	0.00	269.38	5397.00	-20.00	-1840.00	0.00	269.38	1840.11	Chapita Wells
7	7068.00	0.00	269.38	6597.00	-20.00	-1840.00	0.00	269.38	1840.11	Uteland Buttes
8	8168.00	0.00	269.38	7697.00	-20.00	-1840.00	0.00	269.38	1840.11	Mesaverde
9	8471.00	0.00	269.38	8000.00	-20.00	-1840.00	0.00	269.38	1840.11	TD

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Green River	1097.00	-1.18	-108.55	587099.92	2520427.55	39°55'49.159N	109°38'17.085W
Wasatch Tongue	4007.00	-19.31	-1776.08	587081.79	2520427.55	39°55'49.322N	109°38'38.492W
Green River Tongue	4337.00	-19.83	-1833.29	587081.27	2520370.34	39°55'49.329N	109°38'39.226W
Wasatch	4497.00	-20.00	-1840.00	587081.10	2520363.63	39°55'49.328N	109°38'39.312W
Chapita Wells	5397.00	-20.00	-1840.00	587081.10	2520363.63	39°55'49.328N	109°38'39.312W
Uteland Buttes	6597.00	-20.00	-1840.00	587081.10	2520363.63	39°55'49.328N	109°38'39.312W
Mesaverde	7697.00	-20.00	-1840.00	587081.10	2520363.63	39°55'49.328N	109°38'39.312W
TD	8000.00	-20.00	-1840.00	587081.10	2520363.63	39°55'49.328N	109°38'39.312W

CASING DETAILS

No.	TVD	MD	Name	Size
1	520.00	520.00	13 3/8" Surf Csg	13.375
2	2800.00	3098.24	9 5/8" Int Csg	9.625

FIELD DETAILS

Utah County, Utah
Natural Buttes Field
USA
odetic System: US State Plane Coordinate System 1927
Ellipsoid: NAD27 (Clarke 1866)
Zone: Utah, Central Zone
agnetic Model: igrf2000
ystem Datum: Mean Sea Level
Local North: Grid North

SITE DETAILS

RBU #9-22F
Natural Buttes Field
Sec. 23, T10S, R20E
Site Centre Latitude: 39°55'49.148N
Longitude: 109°38'15.691W
Ground Level: 5151.00
Positional Uncertainty: 0.00
Convergence: 1.19

WELLPATH DETAILS

OH

Rig:	Ref. Datum:	est. RKB	5137.00ft
V.Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
269.38°	0.00	0.00	0.00

Plan: Plan #1 (RBU #9-22F/OH)

Created By: Robbie Melancon

Date: 4/2/2004



Azimuths to Grid North
True North: -1.19°
Magnetic North: 11.11°
Magnetic Field
Strength: 5315 InT
Dip Angle: 66.02°
Date: 4/2/2004
Model: igrf2000

002

United States Department of the Interior**BUREAU OF LAND MANAGEMENT**

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

May 14, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2004 Plan of Development River Bend Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the River Bend Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ MesaVerde)

43-047-35723	RBU 9-22F Sec 23 T10S R20E 1670 FSL 1180 FWL	
	BHL Sec 22 T10S R20E 1650 FSL 0660 FEL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - River Bend Unit
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:5-14-04



State of Utah

Department of
Natural ResourcesROBERT L. MORGAN
*Executive Director*Division of
Oil, Gas & MiningLOWELL P. BRAXTON
*Division Director*OLENE S. WALKER
*Governor*GAYLE F. McKEACHNIE
Lieutenant Governor

May 17, 2004

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

Re: River Bend Unit 9-22F Well, Surface Location 1670' FSL, 1180' FWL,
NW SW, Sec. 23, T. 10 South, R. 20 East, Bottom Location 1650' FSL,
660' FEL, NE SE, Sec. 22, T. 10 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35723.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Dominion Exploration & Production, Inc.
Well Name & Number River Bend Unit 9-22F
API Number: 43-047-35723
Lease: U-01470A

Surface Location: NW SW **Sec.** 23 **T.** 10 South **R.** 20 East
Bottom Location: NE SE **Sec.** 22 **T.** 10 South **R.** 20 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Page 2

Conditions of Approval API #43-047-35723

May 17, 2004

6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
7. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Dominion Exploration & Production, Inc.

3. ADDRESS AND TELEPHONE NO.

14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-5263

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)

At surface

1,670' FSL, 1,180' FWL

NW/4 SW/4, Section 23

At proposed prod. zone

1,650' FSL, 660' FEL

NE/4 SE/4, Section 22

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

11.12 miles southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

977'

16. NO. OF ACRES IN LEASE

120

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40 acres

18. DISTANCE FROM PROPOSED
LOCATION TO NEAREST WELL,
DRILLING, COMPLETED, OR
APPLIED FOR, ON THIS LEASE, FT.

215'

19. PROPOSED DEPTH

8,000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,157' GR

22. APPROX. DATE WORK WILL START*

September 1, 2004

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" H-40 ST&C	48#	500'	(see Drilling Plan)
12-1/4"	9-5/8" J-55 LT&C	36#	2,800'	300 sacks Lead and 390 sacks Tail (see Drilling Plan)
7-7/8"	5-1/2" Mav-80 LT&C	17#	8,000'	90 sacks Lead and 600 sacks Tail (see Drilling Plan)

Bond Information:

Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S-63050-0330-

Other Information:

Drilling Plan and Surface Use Plan are attached.

Dominion requests that this complete application for permit to drill be held confidential.

A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path. Included with the APD is the following supplemental information:

UCL 2322

RECEIVED

SEP 29 2004

ORIGINAL

CONFIDENTIAL

MAY 13 2004

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Don Hamilton Don Hamilton TITLE Agent for Dominion

DATE May 10, 2004

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

APPROVED Thomas R. Leary TITLE Assistant Field Manager

Mineral Resources

DATE

09/24/2004

NOTICE OF APPROVAL

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency or the

CONDITIONS OF APPROVAL ATTACHED

049514657 DGM

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Dominion E&P Inc..
Well Name & Number: River Bend Unit 9-22F
API Number: 43-047-35723
Lease Number: U-01470A
Location: NESE Sec. 22 T.10S R. 20E
Agreement: River Bend Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

3. Casing Program and Auxiliary Equipment

All waiting on cement times must be adequate to achieve 500 psi compressive strength at the casing shoe prior to drilling out.

The cement behind the production casing must extend a minimum of 200' above the base of the moderately saline water which has been identified at $\pm 5264'$

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing

Please submit to this office, in LAS format, an electronic copy of all logs run on this well This submission will replace the requirement for submittal of paper logs to the BLM.

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

6. Notifications of Operations

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.
All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

Conditions of Approval (COA)
Dominion Exploration & Production, Inc. Natural Gas Well RBU #9-22F

1. At the time that the well is no longer in operation. The well shall be plugged and the location and access road shall be reclaimed. All disturbed surfaces shall be re-contoured to near natural contours. Any stockpiled top soils shall be spread over the re-contoured surfaces and reseeded with the following seed mixture:

Seed Mixture:		lbs/acre
Shadscale	Atriplex confertifolia	3
Gardners salt bush	Atriplex gardneri	3
Galleta grass	Hilaria jamesii	3
Scarlet globemallow	Sphaeralcea coccinea	3

Seed should be drilled but if broadcasted double the pounds per acre used and work the soils mechanically to cover the seed.

2. All facilities on location shall be painted a non-reflective Carlsbad Canyon (2.5Y 4/2) to blend with the natural vegetation of the area not Desert Brown as in the Surface Use Plan.

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: November 30, 2000

008

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address Suite 600
14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)
(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1670' FSL & 1180' FWL, Sec. 23-10S-20E

5. Lease Serial No.

U-01470A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

River Bend Unit

8. Well Name and No.

RBU 9-22F

9. API Well No.

43-047-35723

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Altering Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other

APD Expiration.

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

The State APD for this well expires May 17, 2005. Dominion is hereby requesting a one year extension.

Approved by the
Utah Division of
Oil, Gas and Mining

Date:

By:

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Carla Christian

Title

Regulatory Specialist

Signature

Carla Christian

Date

5/2/2005

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

MAY 06 2005

DIV. OF OIL, GAS & MINING

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-35723
Well Name: RBU 9-22F
Location: Section 23-10S-20E, 1670' FSL & 1180' FWL
Company Permit Issued to: Dominion Exploration & Production, Inc.
Date Original Permit Issued: 5/17/2004

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Carla Christian
Signature

5/3/2005

Date

Title: Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

RECEIVED

MAY 06 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135

Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

U-01470A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

River Bend Unit

8. Well Name and No.

RBU 9-22F

9. API Well No.

43-047-35723

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

Suite 600

14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1670' FSL & 1180' FWL, Sec. 23-10S-20E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Acidize

☐

Deepen

☐

Production (Start/Resume)

☐

Water Shut-Off

☐

Altering Casing

☐

Fracture Treat

☐

Reclamation

☐

Well Integrity

☐

Casing Repair

☐

New Construction

☐

Recomplete

☒

Other

☐

Change Plans

☐

Plug and Abandon

☐

Temporarily Abandon

☐

APD Expiration.

☐

Convert to Injection

☐

Plug Back

☐

Water Disposal

13

Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

The State APD for this well expires May 17, 2005. Dominion is hereby requesting a one year extension.

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Carla Christian

Title Regulatory Specialist

Signature

Carla Christian

Date 5/2/2005

Approved by

Mark Baker

Petroleum Engineer

Date AUG 03 2005

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UDOGM

RECEIVED
SEP 12 2005

DIV. OF OIL, GAS & MINING

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-35723
Well Name: RBU 9-22F
Location: Section 23-10S-20E, 1670' FSL & 1180' FWL
Company Permit Issued to: Dominion Exploration & Production, Inc.
Date Original Permit Issued: 5/17/2004

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Carla Christian
Signature

5/3/2005
Date

Title: Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

CONDITIONS OF APPROVAL

Dominion Exploration & Production Inc.

Notice of Intent APD Extension

Lease: UTU-01470A
Well: RBU 9-22F
Location: NWSW Sec 23-T10S-R20E

An extension for the referenced APD is granted with the following conditions:

1. The extension and APD shall expire on 09/24/06
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 01 2005

FORM APPROVED
OMB No. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address Suite 600
14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)
(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1670' FSL & 1180' FWL, Sec. 23-10S-20E

5. Lease Serial No.

U-01470A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

River Bend Unit

8. Well Name and No.

RBU 9-22F

9. API Well No.

43-047-35723

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Altering Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other

APD Expiration.

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

The Federal APD for this well expires September 24, 2005. Dominion is hereby requesting a one year extension.

CONDITIONS OF APPROVAL ATTACHEL

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Carla Christian

Title Regulatory Specialist

Signature

Carla Christian

Date 8/30/2005

THIS SPACE IS FOR THE APPROVAL OF THE BUREAU OF LAND MANAGEMENT

Approved by

Michael Lee

Title Petroleum Engineer

Date

9-6-05

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

OCT 05 2005

DIV. OF OIL, GAS & MINING

UDOGM

Dominion Exploration & Production Inc.
APD Extension

Well: RBU 9-22F

Location: Sec. 23, T10S, R20E

Lease: U-01470A

Conditions of Approval

An extension for the referenced APD is granted with the following condition(s):

1. The extension will expire 8/24/2006
2. No other extensions beyond that period will be granted or allowed.

If you have any other questions concerning this matter, please contact Michael Lee at (435) 781-4432.

2005-09-06

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-01470A
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name Ute Indian Tribe
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. River Bend Unit
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134	3b. Phone No. (include area code) 405-749-5263	8. Lease Name and Well No. RBU 9-22F
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 521' FSL & 269' FEL, SE/4 SE/4 At proposed prod. zone 1,500' FSL & 900' FEL, NE/4 SE/4		9. API Well No. 43-047-35723
14. Distance in miles and direction from nearest town or post office* 11.28 miles south of Ouray, Utah		10. Field and Pool, or Exploratory Natural Buttes
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 521'	16. No. of acres in lease 400 acres	11. Sec., T. R. M. or Blk. and Survey or Area Section 22, T10S, R20E, SLB&M
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 25'	19. Proposed Depth 8,050' (8,261' MD)	12. County or Parish Uintah
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,078' GR	22. Approximate date work will start* 05/01/2006	13. State UT
17. Spacing Unit dedicated to this well 40 acres		
20. BLM/BIA Bond No. on file 76S 63050 0330		
23. Estimated duration 14 days		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature <i>Don Hamilton</i>	Name (Printed/Typed) Don Hamilton	Date 02/10/2006
Title Agent for Dominion		
Approved by (Signature)	Name (Printed/Typed)	Date
Title		Office

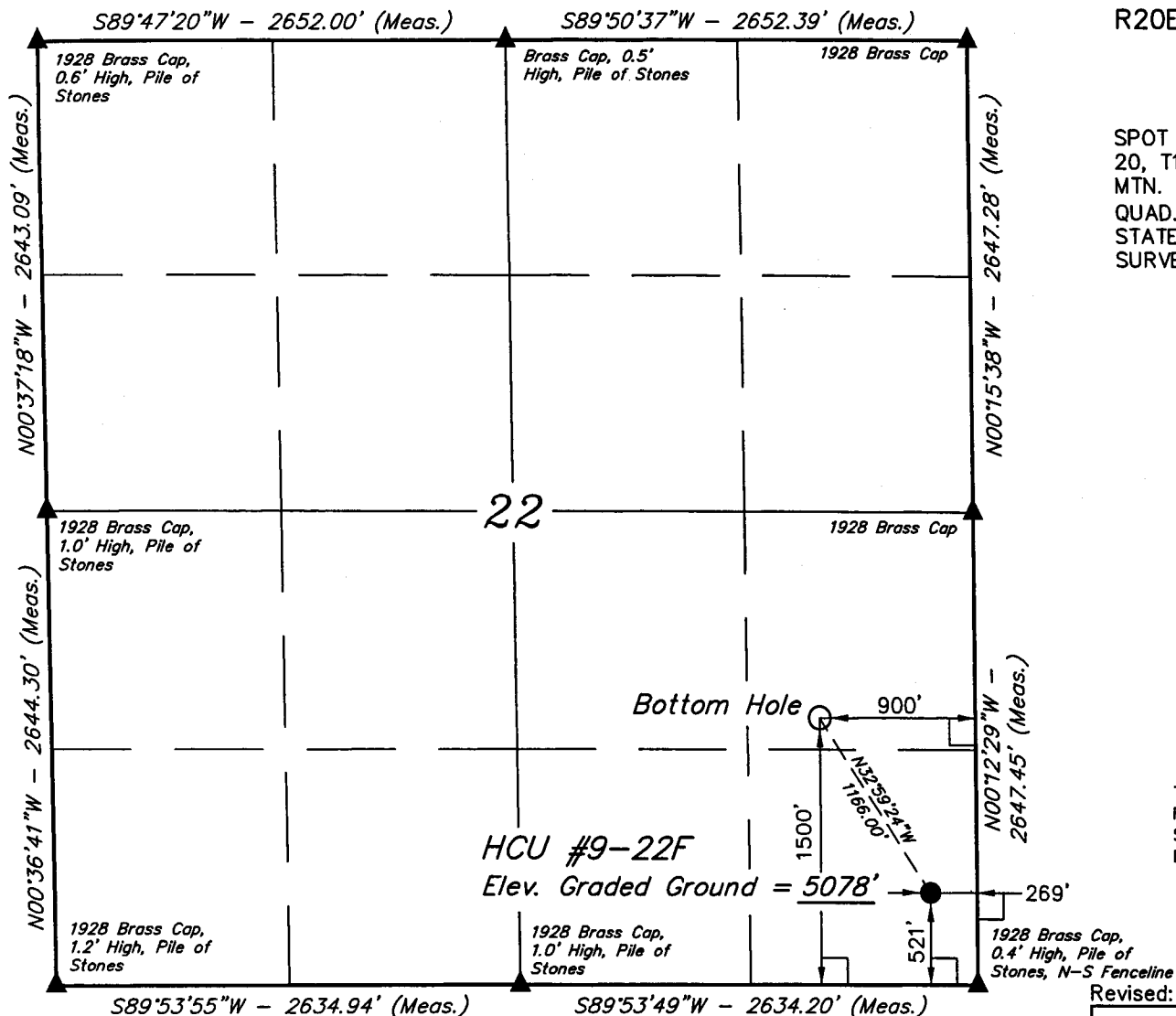
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

CONFIDENTIAL

T10S, R20E, S.L.B.&M.

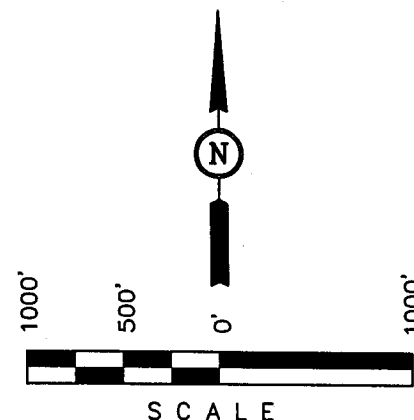


DOMINION EXPLR. & PROD., INC.

Well location, RBU #9-22F, located as shown in the SE 1/4 SE 1/4 of Section 22, T10S, R20E, S.L.B.&M. Uintah County Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

[Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

Revised: 11-28-05

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 9-22-05	DATE DRAWN: 9-26-05
PARTY B.B. J.R. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE DOMINION EXPLR. & PROD., INC.	

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)

LATITUDE = 39°55'37.60" (39.927111)

LONGITUDE = 109°38'34.23" (109.642842)

(NAD 27)

LATITUDE = 39°55'37.73" (39.927147)

LONGITUDE = 109°38'31.74" (109.642150)

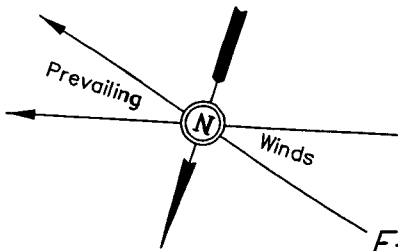
UNION EXPLR. & PROD., INC.

LOCATION LAYOUT FOR

RBU #9-22F

SECTION 22, T10S, R20E, S.L.B.&M.

521' FSL - 269' FEL



SCALE: 1" = 50'
DATE: 9-26-05
Drawn By: K.G.

F-3.9'
El. 74.0'

C-4.7'
El. 82.6'

Proposed Access Road

Topsoil Stockpile

C-4.3'
El. 82.2'

Sta. 3+55
Round Corners
as Needed

NOTE:
Flare Pit is to be located
a min. of 100' from the
Well Head.

Existing Access Road
for the #16-22

Approx.
Top of
Cut Slope

FLARE PIT

El. 78.0'
C-0.1'

20' WIDE BENCH

El. 77.9'
C-8.0'
(btm. pit)

Reserve Pit Backfill
& Spoils Stockpile

10' WIDE BENCH/DIKE

Total Pit Capacity
W/2' of Freeboard
= 10,750 Bbls. ±
Total Pit Volume
= 3,120 Cu. Yds.

Sta. 1+10

RESERVE PITS
(8' Deep)

Sta. 0+52

El. 77.0'
C-7.1'
(btm. pit)

20' WIDE BENCH/DIKE

F-7.1'
El. 70.8'

F-8.2'
El. 69.7'

F-7.5'
El. 70.4'

Sta. 0+00

Sta. 1+80

F-5.0'
El. 72.9'

GRADE
El. 77.9'

MUD TANKS

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

Existing Pipeline

TRAILER

TOILET

FUEL

STORAGE TANK

Approx.
Toe of
Fill Slope

Elev. Graded Ground at Location Stake = 5077.9'

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MINION EXPLR. & PROD., INC.

TYPICAL CROSS SECTIONS FOR

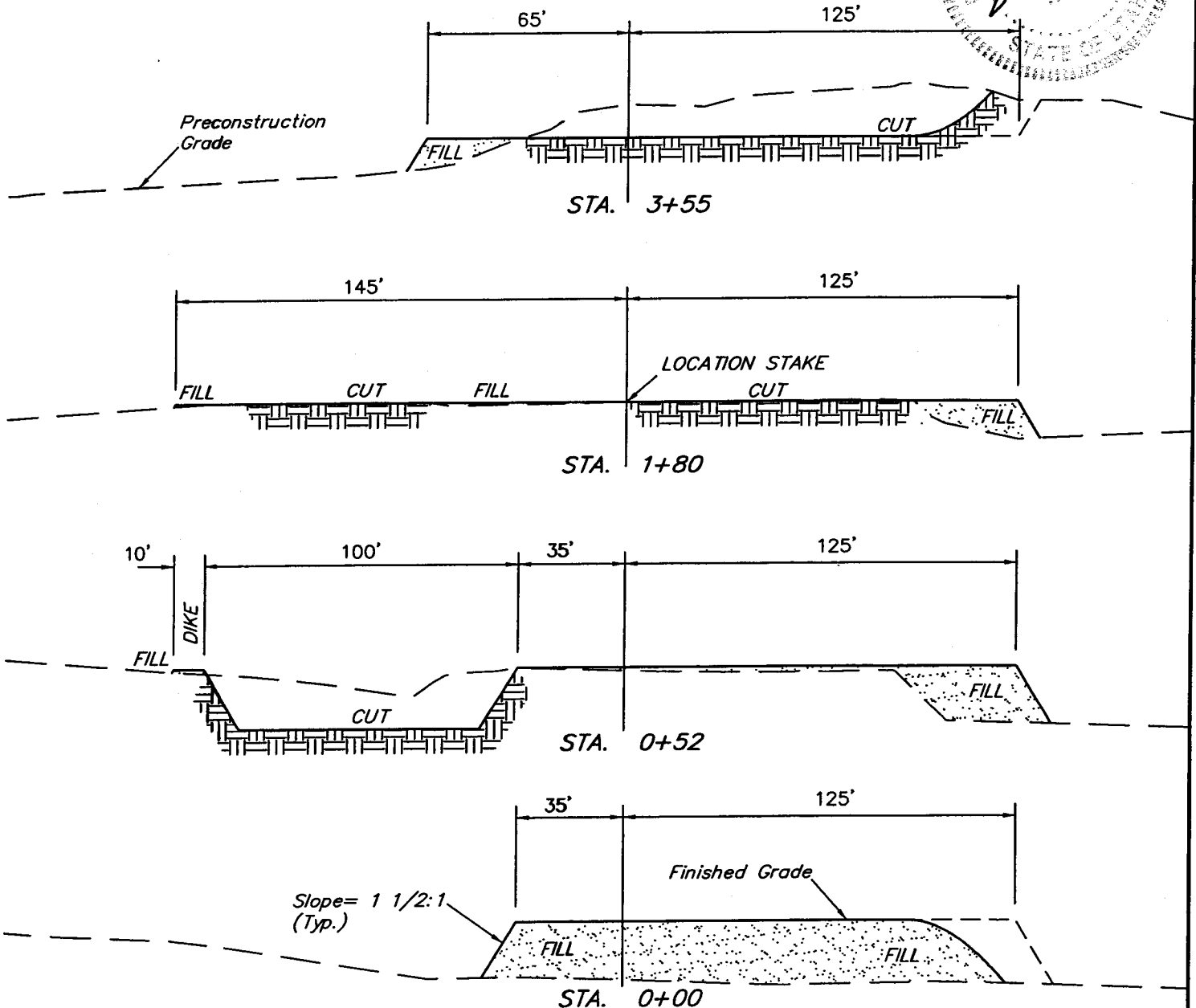
RBU #9-22F

SECTION 22, T10S, R20E, S.L.B.&M.

521' FSL 269' FEL

1" = 20'
X-Section
Scale
1" = 50'

DATE: 9-26-05
Drawn By: K.G.



* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT

(12") Topsoil Stripping = 1,440 Cu. Yds.
(New Construction Only)
Remaining Location = 3,280 Cu. Yds.

TOTAL CUT = 4,720 CU.YDS.

FILL = 4,610 CU.YDS.

EXCESS MATERIAL = 110 Cu. Yds.
Topsoil & Pit Backfill = 3,000 Cu. Yds.
(1/2 Pit Vol.)
DEFICIT UNBALANCE = <2,890> Cu. Yds.
(After Rehabilitation)
(Obtain Deficit Material From
Approved Barrow Area)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

DOMINION EXPLR. & PROD., INC.

RBU #9-22F

LOCATED IN UINTAH COUNTY, UTAH
SECTION 22, T10S, R20E, S.L.B.&M.

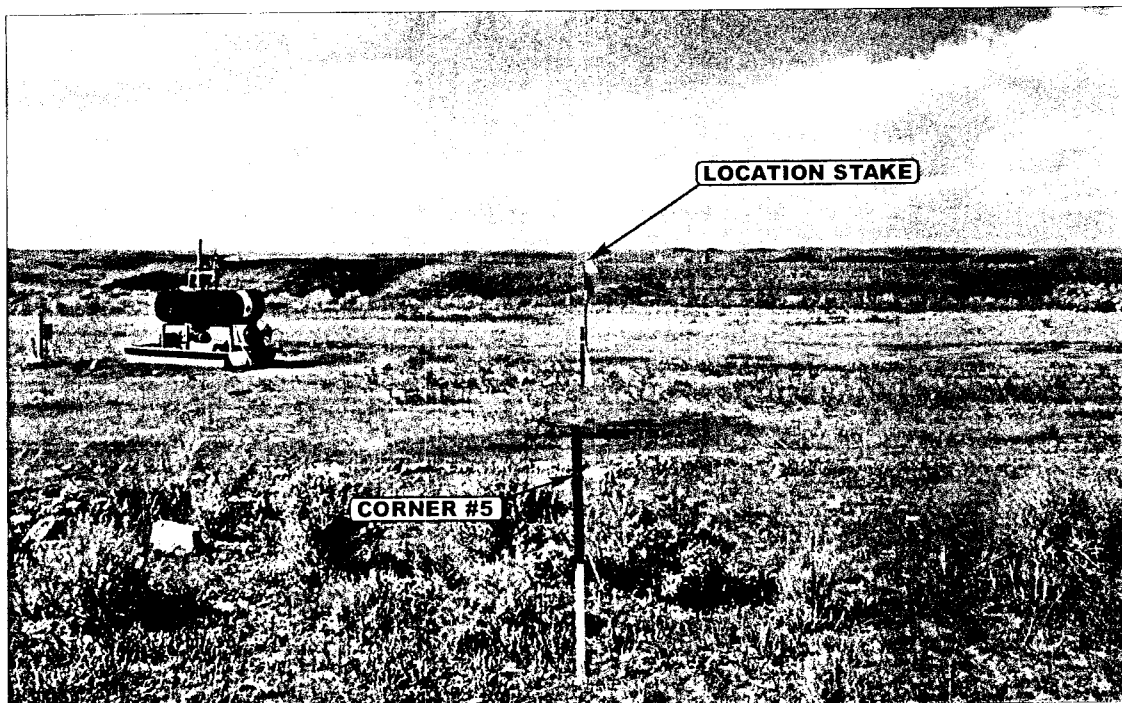


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

E&LS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

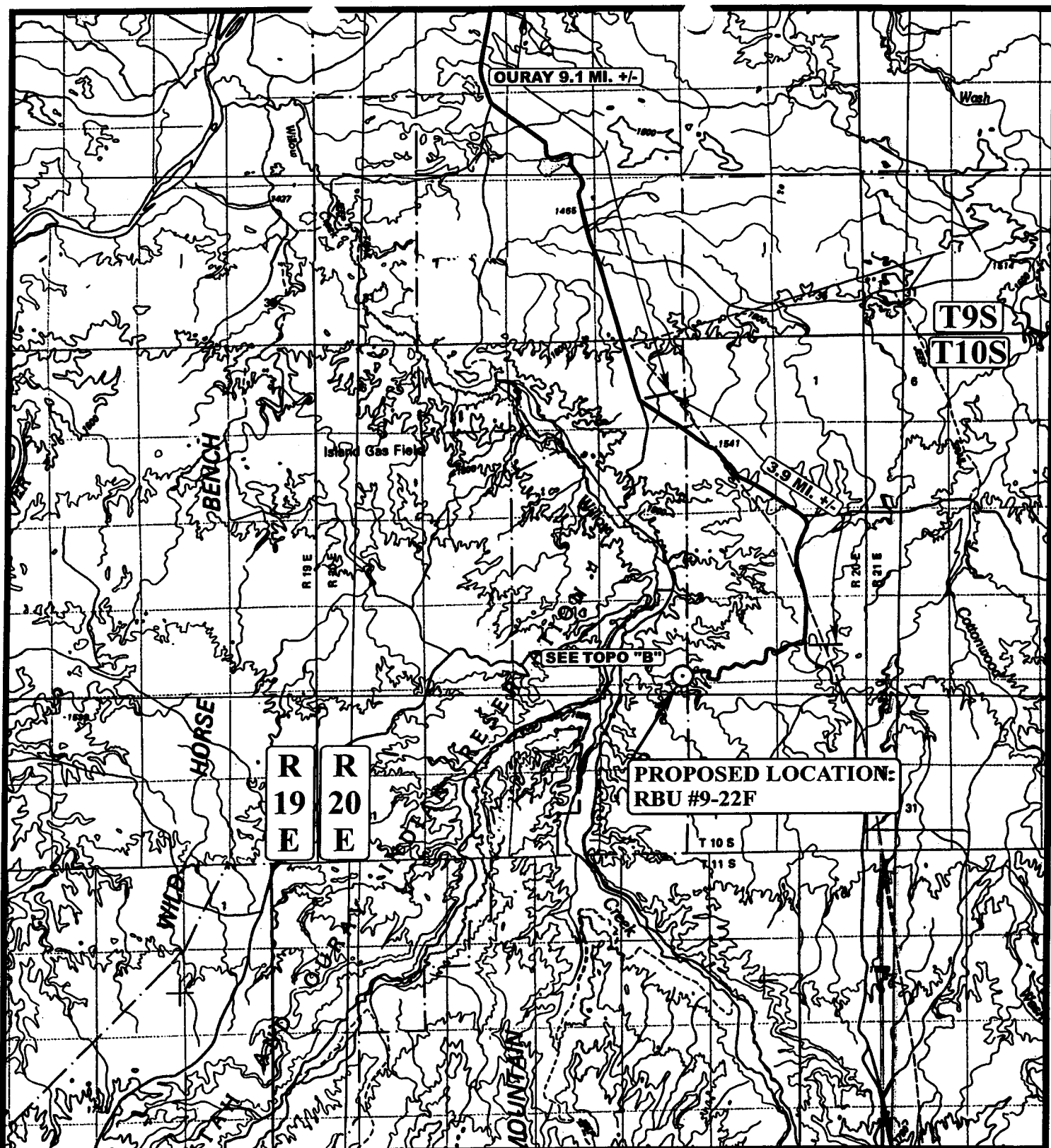
07 15 03
MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: P.M.

REVISED: 09-28-05C.P.



LEGEND:

⊙ PROPOSED LOCATION

DOMINION EXPLR. & PROD., INC.

RBU #9-22F

SECTION 22, T10S, R20E, S.L.B.&M.

521' FSL 269' FEL

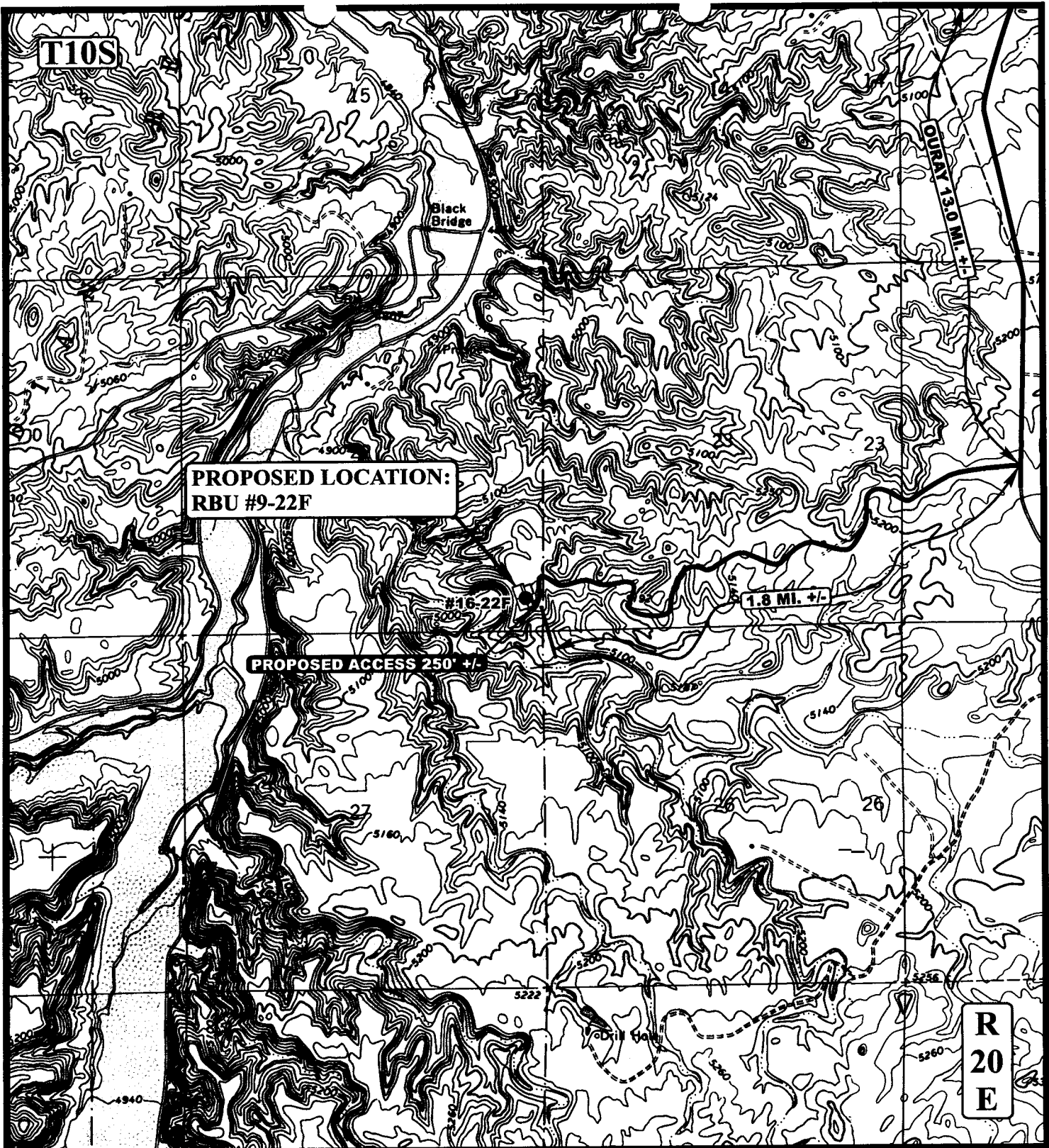


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TOPOGRAPHIC 07 15 03
MAP MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 09-28-05CP





LEGEND:

————— EXISTING ROAD
 - - - - - PROPOSED ACCESS ROAD

DOMINION EXPLR. & PROD., INC.

RBU #9-22F
SECTION 22, T10S, R20E, S.L.B.&M.
521' FSL 269' FEL



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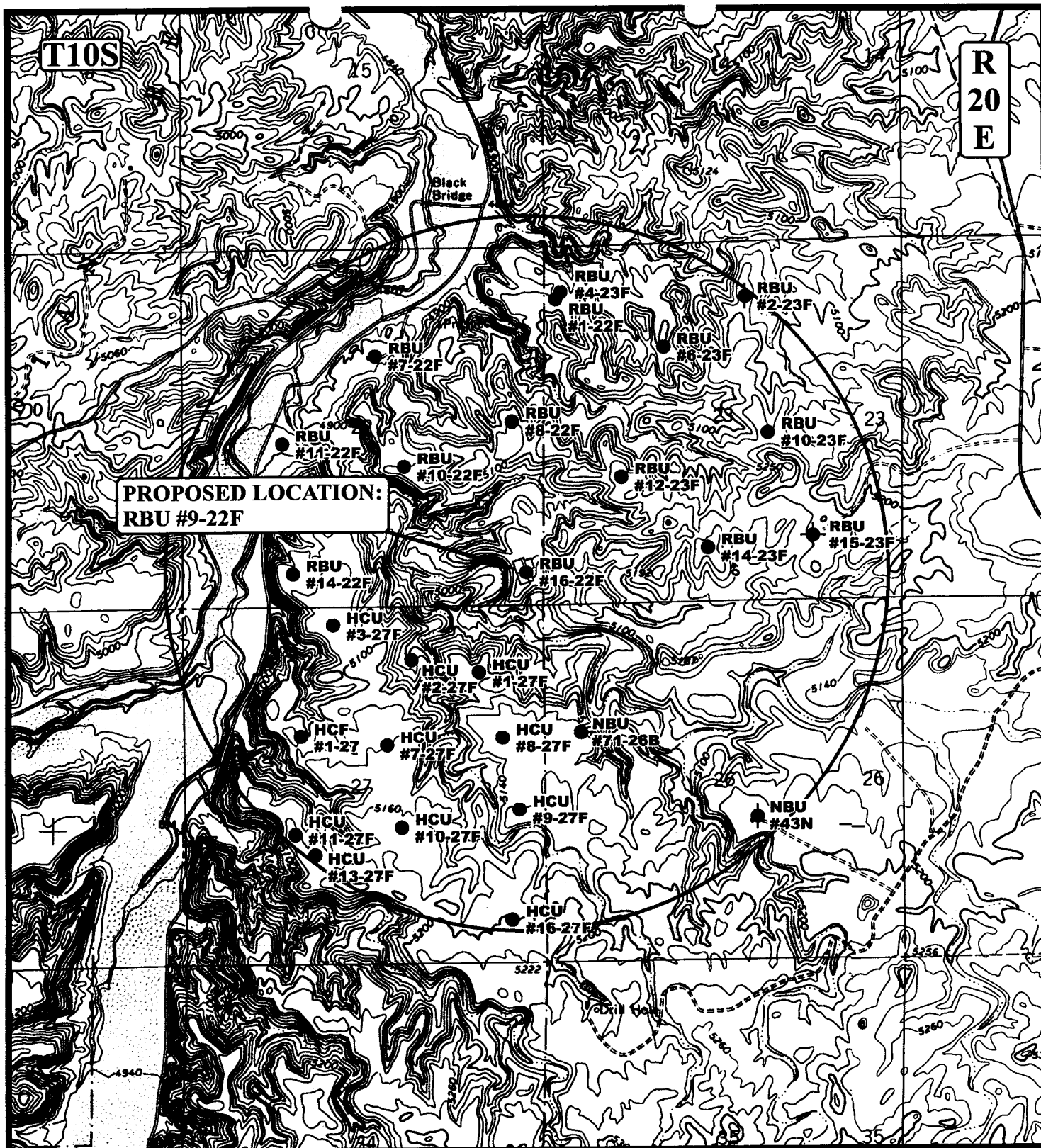


**TOPOGRAPHIC
MAP**

07	15	03
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 09-28-05C.P.





LEGEND:

- | | |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS | ○ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |



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DOMINION EXPLR. & PROD., INC.

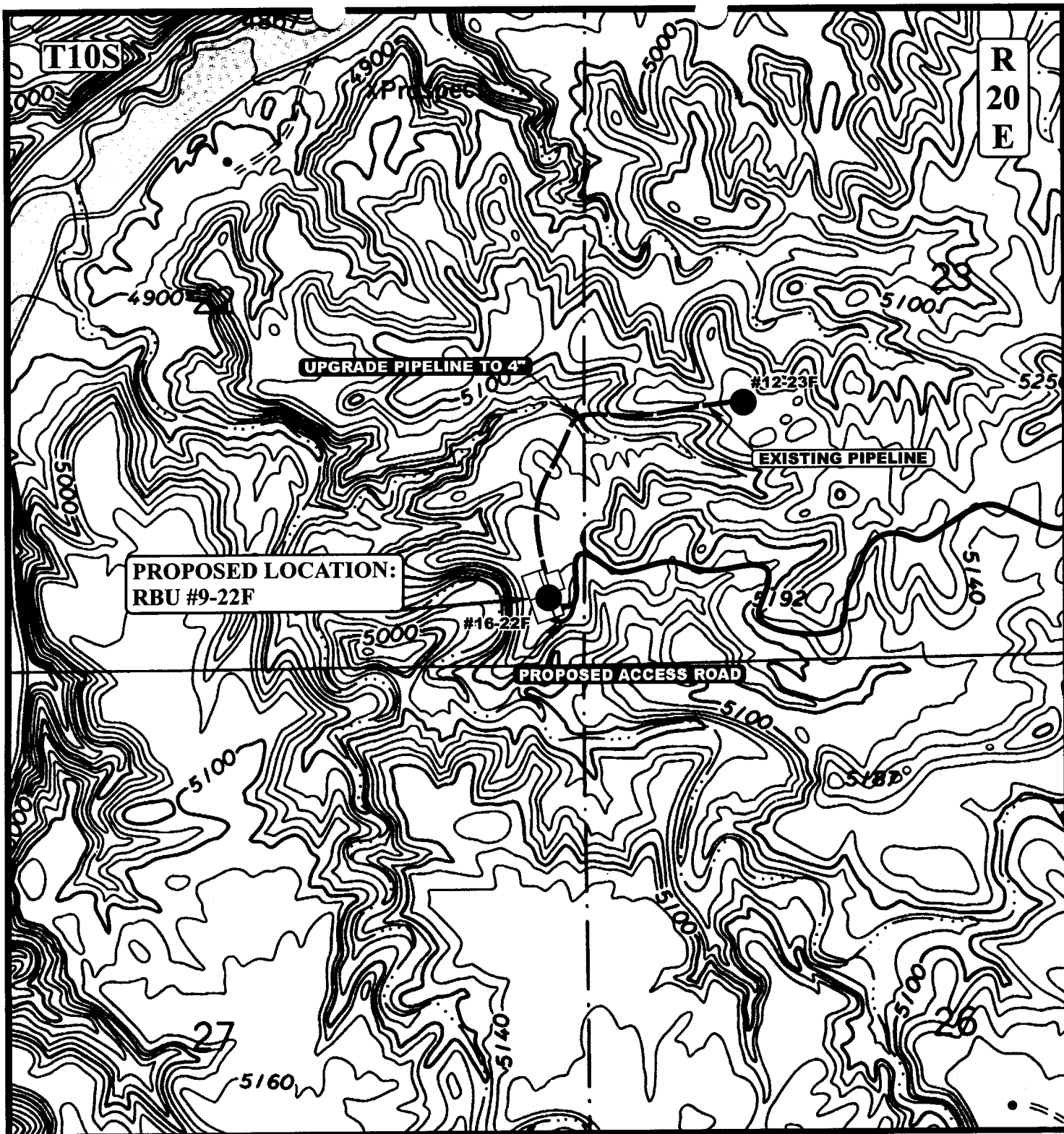
RBU #9-22F
SECTION 22, T10S, R20E, S.L.B.&M.
521' FSL 269' FEL

TOPOGRAPHIC
MAP

07 15 03
 MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 09-28-05C.P.





APPROXIMATE TOTAL PIPELINE UPGRADE DISTANCE = 2,300' +/-

LEGEND:

 PROPOSED ACCESS ROAD
 EXISTING PIPELINE



DOMINION EXPLR. & PROD., INC.

RBU #9-22F

SECTION 22, T10S, R20E, S.L.B.&M.

521' FSL 269' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
 MAP

09 28 05
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00



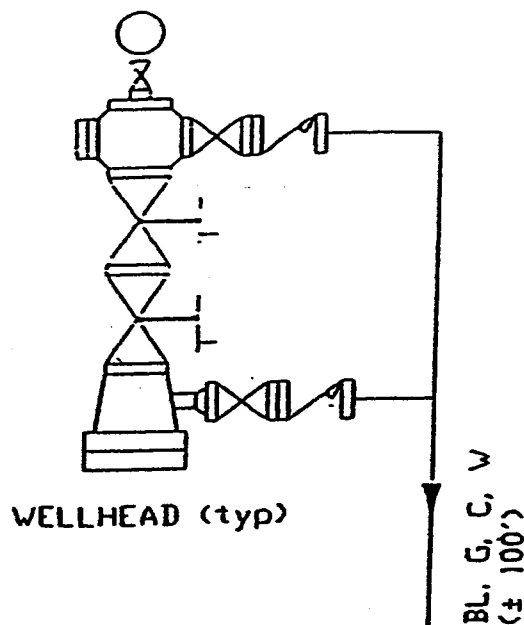
DOMINION EXPLR. & PROD., INC.

RBU #9-22F

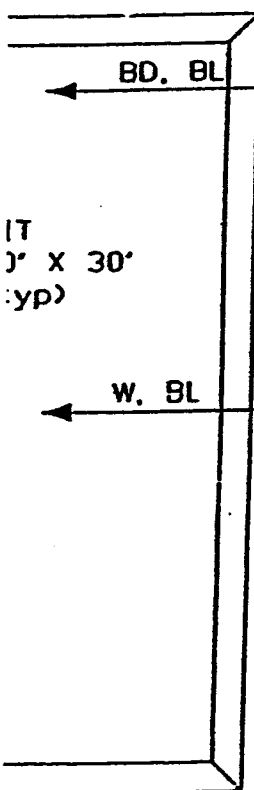
SECTION 22, T10S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 3.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 250' TO THE PROPOSED LOCATION.

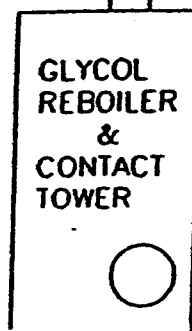
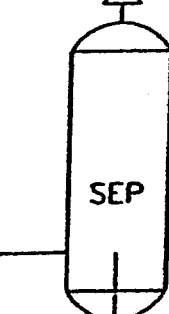
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 44.8 MILES.



WELLHEAD (typ)



IT 3' x 30' (typ)

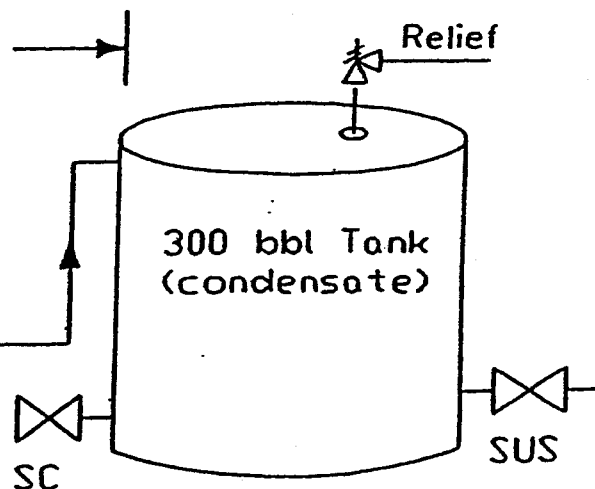


GLYCOL REBOILER & CONTACT TOWER



GAS SALES LINE

LEGEND	
O	= Oil Line
G	= Gas Line
W	= Water Line
R	= Relief Line (Pressure)
C	= Condensate Line
V	= Vent Line
D	= Drain Line
M	= Gas Meter
P	= Pump
BP	= Back Pressure Valve
SWS	= Sealed When Shipping
SUS	= Sealed Unless Shipping
T	= Heat Traced Line
H	= Heater
BL	= Buried Line
	= Valve
	= Check Valve
SC	= Sealed Closed Valve
NC	= Normally Closed
BD	= Blowdown Line



The site security plan is on file in DEPI's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: RBU 9-22F
SHL: 521' FSL & 269' FEL Section 22-10S-20E
BHL: 1650' FSL & 660' FEL Section 22-10S-20E
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,845'
Uteland Limestone	4,195'
Wasatch	4,345'
Chapita Wells	5,245'
Uteland Buttes	6,345'
Mesaverde	7,095'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,845'	Oil
Uteland Limestone	4,195'	Oil
Wasatch	4,345'	Gas
Chapita Wells	5,245'	Gas
Uteland Buttes	6,345'	Gas
Mesaverde	7,095'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0'	2,800'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,050'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

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DRILLING PLAN

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' – 500'	8.4	Air foam mist, no pressure control
500' – 2,800'	8.6	Fresh water, rotating head and diverter
2,800' – 8,050'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500–2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H₂S gas.

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

CONFIDENTIAL

DRILLING PLAN

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

a. Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary.

b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 2,800'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	300	0'-2,000'	11.0 ppg	3.82 CFS	644 CF	1,128 CF
Tail	390	2,000'-2,800'	15.6 ppg	1.18 CFS	251 CF	439 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.
Water requirement: 22.95 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.
Pump Time: 1 hr. 5 min. @ 90 °F.
Compressives @ 95 °F: 24 Hour is 4,700 psi

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,050'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	60	3,545'-4,345'	11.5 ppg	3.12 CFS	139 CF	187 CF
Tail	540	4,345'-8,050'	13.0 ppg	1.75 CFS	700 CF	945 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.
Water requirement: 17.71 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.
Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.
Water requirement: 9.09 gal/sack
Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: May 1, 2006
Duration: 14 Days

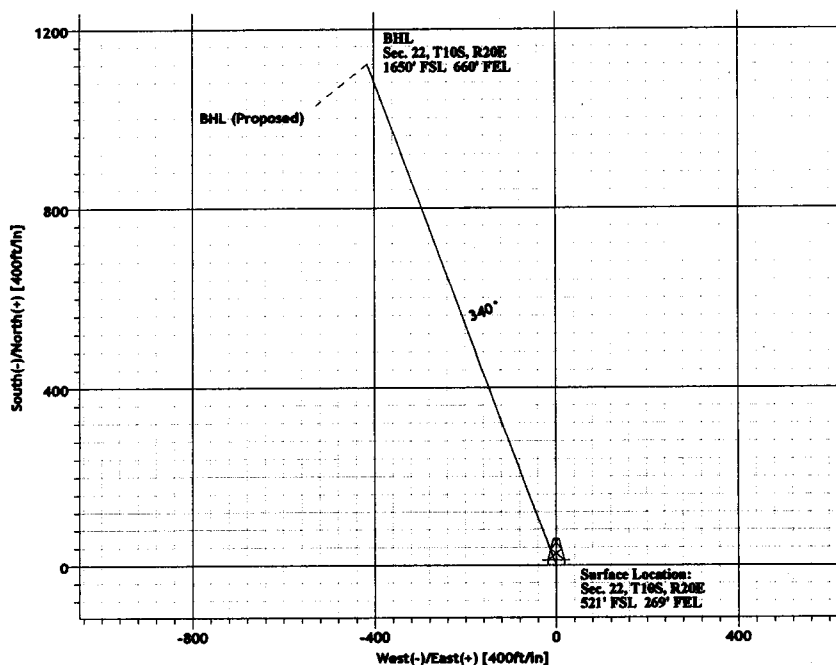
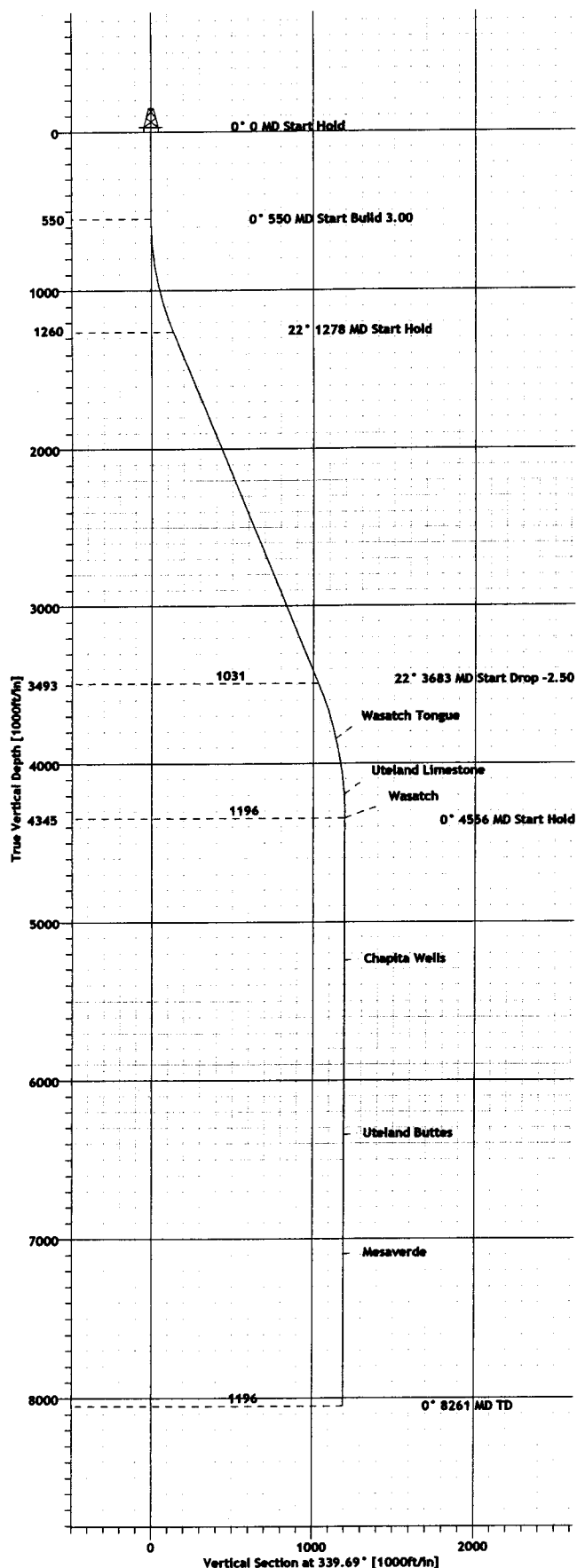
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Plan #1

Dominion E & P

Well: RBU 9-22F
Field: River Bend Unit
Uintah Co. Utah
Sec. 22, T10S, R20E



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	339.69	0.00	0.00	0.00	0.00	0.00	0.00	
2	550.00	0.00	339.69	550.00	0.00	0.00	0.00	339.69	0.00	
3	1277.73	21.83	339.69	1260.25	128.46	-47.55	3.00	339.69	136.98	
4	3682.67	21.83	339.69	3492.70	967.21	-358.00	0.00	0.00	1031.34	
5	4555.95	0.00	339.69	4345.00	1121.36	-415.06	2.50	180.00	1195.71	
6	8260.95	0.00	339.69	8050.00	1121.36	-415.06	0.00	339.69	1195.71	

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
RBU 9-22F	0.00	0.00	7147595.01	2161191.41	39°55'37.600N	109°38'34.230W	N/A

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	3845.00	4051.89	Wasatch Tongue
2	4195.00	4405.84	Uteland Limestone
3	4345.00	4555.95	Wasatch
4	5245.00	5455.95	Chapita Wells
5	6345.00	6555.95	Uteland Buttes
6	7095.00	7305.95	Mesaverde

WELLPATH DETAILS

1			
Rig:	est.KB @ 5095'		0.00ft
Ref. Datum:			
V.Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
339.69°	0.00	0.00	0.00

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Site Centre RBU 9-22F, True North
Vertical (TVD) Reference: est.KB @ 5095' 0.00
Section (VS) Reference: Site Centre (0.00N,0.00E)
Measured Depth Reference: est.KB @ 5095' 0.00
Calculation Method: Minimum Curvature



Azimuths to True North
Magnetic North: 11.81°
Magnetic Field Strength: 528.59nT
Dip Angle: 65.92°
Date: 1/27/2006
Model: igr2005

FIELD DETAILS

Natural Buttes Field
Uintah County, Utah
USA
Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: igr2005
System Datum: Mean Sea Level
Local North: True North

SITE DETAILS

RBU 9-22F
River Bend Unit
Sec. 22, T10S, R20E
Site Centre Latitude: 39°55'37.600N
Longitude: 109°38'34.230W
Ground Level: 5078.00
Positional Uncertainty: 0.00
Convergence: 1.19

CONFIDENTIAL



Ryan Energy Technologies

Planning Report



Company: Dominion E & P Field: Natural Buttes Field Site: RBU 9-22F Well: RBU 9-22F Wellpath: 1			Date: 1/27/2006 Time: 11:54:29 Co-ordinate(NE) Reference: RBU 9-22F, True North Vertical (TVD) Reference: est.KB @ 5095' 0.0 Section (VS) Reference: Site (0.00N,0.00E,339.69Azi) Plan: Plan #1			Page: 1				
Field: Natural Buttes Field Uintah County, Utah USA Map System: JS State Plane Coordinate System 1983 Geo Datum: GRS 1980 Sys Datum: Mean Sea Level			Map Zone: Utah, Central Zone Coordinate System: Site Centre Geomagnetic Model: igrf2005							
Site: RBU 9-22F River Bend Unit Sec. 22, T10S, R20E Site Position: From: Geographic Position Uncertainty: 0.00 ft Ground Level: 5078.00 ft			Northing: 7147595.01 ft Easting: 2161191.41 ft Latitude: 39 55 37.600 N Longitude: 109 38 34.230 W North Reference: True Grid Convergence: 1.19 deg							
Well: RBU 9-22F Surface Position: +N/-S 0.00 ft +E/-W 0.00 ft Position Uncertainty: 0.00 ft Reference Point: +N/-S 0.00 ft +E/-W 0.00 ft			Slot Name: Northing: 7147595.01 ft Easting: 2161191.41 ft Latitude: 39 55 37.600 N Longitude: 109 38 34.230 W Measured Depth: 0.00 ft Vertical Depth: 0.00 ft			Inclination: 0.00 deg Azimuth: 0.00 deg				
Wellpath: 1 Current Datum: est.KB @ 5095' Magnetic Data: 1/27/2006 Field Strength: 52859 nT Vertical Section: Depth From (TVD) ft			Height 0.00 ft +N/-S ft +E/-W ft			Drilled From: Well Ref. Point Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 11.81 deg Mag Dip Angle: 65.92 deg Direction deg				
0.00			0.00			0.00 339.69				
Plan: Plan #1 Principal: Yes			Date Composed: 1/27/2006 Version: 1 Tied-to: From Well Ref. Point							
Plan Section Information										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	339.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	339.69	550.00	0.00	0.00	0.00	0.00	0.00	339.69	
1277.73	21.83	339.69	1260.25	128.46	-47.55	3.00	3.00	0.00	339.69	
3682.67	21.83	339.69	3492.70	967.21	-358.00	0.00	0.00	0.00	0.00	
4555.95	0.00	339.69	4345.00	1121.36	-415.06	2.50	-2.50	0.00	180.00	
8260.95	0.00	339.69	8050.00	1121.36	-415.06	0.00	0.00	0.00	339.69	
Section 1 : Start Hold										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	339.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	339.69	100.00	0.00	0.00	0.00	0.00	0.00	0.00	339.69
200.00	0.00	339.69	200.00	0.00	0.00	0.00	0.00	0.00	0.00	339.69
300.00	0.00	339.69	300.00	0.00	0.00	0.00	0.00	0.00	0.00	339.69
400.00	0.00	339.69	400.00	0.00	0.00	0.00	0.00	0.00	0.00	339.69
500.00	0.00	339.69	500.00	0.00	0.00	0.00	0.00	0.00	0.00	339.69
550.00	0.00	339.69	550.00	0.00	0.00	0.00	0.00	0.00	0.00	339.69
Section 2 : Start Build 3.00										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
600.00	1.50	339.69	599.99	0.61	-0.23	0.65	3.00	3.00	0.00	0.00
700.00	4.50	339.69	699.85	5.52	-2.04	5.89	3.00	3.00	0.00	0.00

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Ryan Energy Technologies

Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: RBU 9-22F
Well: RBU 9-22F
Wellpath: 1

Date: 1/27/2006 Time: 11:54:29
Co-ordinate(NE) Reference: RBU 9-22F, True North
Vertical (TVD) Reference: KB @ 5095' 0.0
Section (VS) Reference: Site (0.00N,0.00E,339.69Azi)
Plan: Plan #1

Page: 2

Section 2 : Start Build 3.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
800.00	7.50	339.69	799.29	15.32	-5.67	16.34	3.00	3.00	0.00	0.00
900.00	10.50	339.69	898.04	29.99	-11.10	31.98	3.00	3.00	0.00	0.00
1000.00	13.50	339.69	995.85	49.49	-18.32	52.77	3.00	3.00	0.00	0.00
1100.00	16.50	339.69	1092.43	73.76	-27.30	78.65	3.00	3.00	0.00	0.00
1200.00	19.50	339.69	1187.52	102.73	-38.03	109.55	3.00	3.00	0.00	0.00
1277.73	21.83	339.69	1260.25	128.46	-47.55	136.98	3.00	3.00	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1300.00	21.83	339.69	1280.92	136.23	-50.42	145.26	0.00	0.00	0.00	0.00
1400.00	21.83	339.69	1373.75	171.10	-63.33	182.45	0.00	0.00	0.00	0.00
1500.00	21.83	339.69	1466.58	205.98	-76.24	219.64	0.00	0.00	0.00	0.00
1600.00	21.83	339.69	1559.40	240.85	-89.15	256.82	0.00	0.00	0.00	0.00
1700.00	21.83	339.69	1652.23	275.73	-102.06	294.01	0.00	0.00	0.00	0.00
1800.00	21.83	339.69	1745.06	310.61	-114.97	331.20	0.00	0.00	0.00	0.00
1900.00	21.83	339.69	1837.89	345.48	-127.88	368.39	0.00	0.00	0.00	0.00
2000.00	21.83	339.69	1930.72	380.36	-140.79	405.58	0.00	0.00	0.00	0.00
2100.00	21.83	339.69	2023.54	415.24	-153.70	442.77	0.00	0.00	0.00	0.00
2200.00	21.83	339.69	2116.37	450.11	-166.60	479.96	0.00	0.00	0.00	0.00
2300.00	21.83	339.69	2209.20	484.99	-179.51	517.14	0.00	0.00	0.00	0.00
2400.00	21.83	339.69	2302.03	519.86	-192.42	554.33	0.00	0.00	0.00	0.00
2500.00	21.83	339.69	2394.85	554.74	-205.33	591.52	0.00	0.00	0.00	0.00
2600.00	21.83	339.69	2487.68	589.62	-218.24	628.71	0.00	0.00	0.00	0.00
2700.00	21.83	339.69	2580.51	624.49	-231.15	665.90	0.00	0.00	0.00	0.00
2800.00	21.83	339.69	2673.34	659.37	-244.06	703.09	0.00	0.00	0.00	0.00
2900.00	21.83	339.69	2766.17	694.24	-256.97	740.27	0.00	0.00	0.00	0.00
3000.00	21.83	339.69	2858.99	729.12	-269.88	777.46	0.00	0.00	0.00	0.00
3100.00	21.83	339.69	2951.82	764.00	-282.79	814.65	0.00	0.00	0.00	0.00
3200.00	21.83	339.69	3044.65	798.87	-295.69	851.84	0.00	0.00	0.00	0.00
3300.00	21.83	339.69	3137.48	833.75	-308.60	889.03	0.00	0.00	0.00	0.00
3400.00	21.83	339.69	3230.31	868.62	-321.51	926.22	0.00	0.00	0.00	0.00
3500.00	21.83	339.69	3323.13	903.50	-334.42	963.41	0.00	0.00	0.00	0.00
3600.00	21.83	339.69	3415.96	938.38	-347.33	1000.59	0.00	0.00	0.00	0.00
3682.67	21.83	339.69	3492.70	967.21	-358.00	1031.34	0.00	0.00	0.00	0.00

Section 4 : Start Drop -2.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3700.00	21.40	339.69	3508.81	973.20	-360.22	1037.72	2.50	-2.50	0.00	180.00
3800.00	18.90	339.69	3602.69	1005.50	-372.17	1072.16	2.50	-2.50	0.00	180.00
3900.00	16.40	339.69	3697.97	1033.93	-382.70	1102.48	2.50	-2.50	0.00	180.00
4000.00	13.90	339.69	3794.49	1058.43	-391.77	1128.61	2.50	-2.50	0.00	180.00
4051.89	12.60	339.69	3845.00	1069.59	-395.90	1140.50	2.50	-2.50	0.00	-180.00
4100.00	11.40	339.69	3892.06	1078.97	-399.37	1150.51	2.50	-2.50	0.00	180.00
4200.00	8.90	339.69	3990.48	1095.49	-405.48	1168.12	2.50	-2.50	0.00	180.00
4300.00	6.40	339.69	4089.59	1107.97	-410.10	1181.43	2.50	-2.50	0.00	180.00
4400.00	3.90	339.69	4189.17	1116.39	-413.22	1190.41	2.50	-2.50	0.00	180.00
4405.84	3.75	339.69	4195.00	1116.75	-413.35	1190.80	2.50	-2.50	0.00	-180.00
4500.00	1.40	339.69	4289.06	1120.72	-414.82	1195.03	2.50	-2.50	0.00	180.00
4555.95	0.00	339.69	4345.00	1121.36	-415.06	1195.71	2.50	-2.50	0.00	180.00

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4600.00	0.00	339.69	4389.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
4700.00	0.00	339.69	4489.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
4800.00	0.00	339.69	4589.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
4900.00	0.00	339.69	4689.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
5000.00	0.00	339.69	4789.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
5100.00	0.00	339.69	4889.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69

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Ryan Energy Technologies

Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: RBU 9-22F
Well: RBU 9-22F
Wellpath: 1

Date: 1/27/2006 Time: 11:54:29 Page: 3
Co-ordinate(NE) Reference: RBU 9-22F, True North
Vertical (TVD) Reference: KB @ 5095' 0.0
Section (VS) Reference: Site (0.00N,0.00E,339.69Azi)
Plan: Plan #1

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5200.00	0.00	339.69	4989.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
5300.00	0.00	339.69	5089.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
5400.00	0.00	339.69	5189.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
5455.95	0.00	339.69	5245.00	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
5500.00	0.00	339.69	5289.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
5600.00	0.00	339.69	5389.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
5700.00	0.00	339.69	5489.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
5800.00	0.00	339.69	5589.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
5900.00	0.00	339.69	5689.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
6000.00	0.00	339.69	5789.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
6100.00	0.00	339.69	5889.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
6200.00	0.00	339.69	5989.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
6300.00	0.00	339.69	6089.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
6400.00	0.00	339.69	6189.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
6500.00	0.00	339.69	6289.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
6555.95	0.00	339.69	6345.00	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
6600.00	0.00	339.69	6389.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
6700.00	0.00	339.69	6489.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
6800.00	0.00	339.69	6589.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
6900.00	0.00	339.69	6689.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
7000.00	0.00	339.69	6789.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
7100.00	0.00	339.69	6889.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
7200.00	0.00	339.69	6989.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
7300.00	0.00	339.69	7089.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
7305.95	0.00	339.69	7095.00	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
7400.00	0.00	339.69	7189.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
7500.00	0.00	339.69	7289.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
7600.00	0.00	339.69	7389.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
7700.00	0.00	339.69	7489.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
7800.00	0.00	339.69	7589.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
7900.00	0.00	339.69	7689.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
8000.00	0.00	339.69	7789.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
8100.00	0.00	339.69	7889.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
8200.00	0.00	339.69	7989.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69
8260.95	0.00	339.69	8050.00	1121.36	-415.06	1195.71	0.00	0.00	0.00	339.69

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	339.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	339.69	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	339.69	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	339.69	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	339.69	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	339.69	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	339.69	550.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
600.00	1.50	339.69	599.99	0.61	-0.23	0.65	3.00	3.00	0.00	
700.00	4.50	339.69	699.85	5.52	-2.04	5.89	3.00	3.00	0.00	
800.00	7.50	339.69	799.29	15.32	-5.67	16.34	3.00	3.00	0.00	
900.00	10.50	339.69	898.04	29.99	-11.10	31.98	3.00	3.00	0.00	
1000.00	13.50	339.69	995.85	49.49	-18.32	52.77	3.00	3.00	0.00	
1100.00	16.50	339.69	1092.43	73.76	-27.30	78.65	3.00	3.00	0.00	
1200.00	19.50	339.69	1187.52	102.73	-38.03	109.55	3.00	3.00	0.00	
1277.73	21.83	339.69	1260.25	128.46	-47.55	136.98	3.00	3.00	0.00	
1300.00	21.83	339.69	1280.92	136.23	-50.42	145.26	0.00	0.00	0.00	
1400.00	21.83	339.69	1373.75	171.10	-63.33	182.45	0.00	0.00	0.00	
1500.00	21.83	339.69	1466.58	205.98	-76.24	219.64	0.00	0.00	0.00	
1600.00	21.83	339.69	1559.40	240.85	-89.15	256.82	0.00	0.00	0.00	
1700.00	21.83	339.69	1652.23	275.73	-102.06	294.01	0.00	0.00	0.00	

CONFIDENTIAL



Ryan Energy Technologies

Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: RBU 9-22F
Well: RBU 9-22F
Wellpath: 1

Date: 1/27/2006 Time: 11:54:29
Co-ordinate(NE) Reference: RBU 9-22F, True North
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Section (VS) Reference: Site (0.00N,0.00E,339.69Azi)
Plan: Plan #1

Page: 4

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1800.00	21.83	339.69	1745.06	310.61	-114.97	331.20	0.00	0.00	0.00	
1900.00	21.83	339.69	1837.89	345.48	-127.88	368.39	0.00	0.00	0.00	
2000.00	21.83	339.69	1930.72	380.36	-140.79	405.58	0.00	0.00	0.00	
2100.00	21.83	339.69	2023.54	415.24	-153.70	442.77	0.00	0.00	0.00	
2200.00	21.83	339.69	2116.37	450.11	-166.60	479.96	0.00	0.00	0.00	
2300.00	21.83	339.69	2209.20	484.99	-179.51	517.14	0.00	0.00	0.00	
2400.00	21.83	339.69	2302.03	519.86	-192.42	554.33	0.00	0.00	0.00	
2500.00	21.83	339.69	2394.85	554.74	-205.33	591.52	0.00	0.00	0.00	
2600.00	21.83	339.69	2487.68	589.62	-218.24	628.71	0.00	0.00	0.00	
2700.00	21.83	339.69	2580.51	624.49	-231.15	665.90	0.00	0.00	0.00	
2800.00	21.83	339.69	2673.34	659.37	-244.06	703.09	0.00	0.00	0.00	
2900.00	21.83	339.69	2766.17	694.24	-256.97	740.27	0.00	0.00	0.00	
3000.00	21.83	339.69	2858.99	729.12	-269.88	777.46	0.00	0.00	0.00	
3100.00	21.83	339.69	2951.82	764.00	-282.79	814.65	0.00	0.00	0.00	
3200.00	21.83	339.69	3044.65	798.87	-295.69	851.84	0.00	0.00	0.00	
3300.00	21.83	339.69	3137.48	833.75	-308.60	889.03	0.00	0.00	0.00	
3400.00	21.83	339.69	3230.31	868.62	-321.51	926.22	0.00	0.00	0.00	
3500.00	21.83	339.69	3323.13	903.50	-334.42	963.41	0.00	0.00	0.00	
3600.00	21.83	339.69	3415.96	938.38	-347.33	1000.59	0.00	0.00	0.00	
3682.67	21.83	339.69	3492.70	967.21	-358.00	1031.34	0.00	0.00	0.00	
3700.00	21.40	339.69	3508.81	973.20	-360.22	1037.72	2.50	-2.50	0.00	
3800.00	18.90	339.69	3602.69	1005.50	-372.17	1072.16	2.50	-2.50	0.00	
3900.00	16.40	339.69	3697.97	1033.93	-382.70	1102.48	2.50	-2.50	0.00	
4000.00	13.90	339.69	3794.49	1058.43	-391.77	1128.61	2.50	-2.50	0.00	
4051.89	12.60	339.69	3845.00	1069.59	-395.90	1140.50	2.50	-2.50	0.00	Wasatch Tongue
4100.00	11.40	339.69	3892.06	1078.97	-399.37	1150.51	2.50	-2.50	0.00	
4200.00	8.90	339.69	3990.48	1095.49	-405.48	1168.12	2.50	-2.50	0.00	
4300.00	6.40	339.69	4089.59	1107.97	-410.10	1181.43	2.50	-2.50	0.00	
4400.00	3.90	339.69	4189.17	1116.39	-413.22	1190.41	2.50	-2.50	0.00	
4405.84	3.75	339.69	4195.00	1116.75	-413.35	1190.80	2.50	-2.50	0.00	Uteland Limestone
4500.00	1.40	339.69	4289.06	1120.72	-414.82	1195.03	2.50	-2.50	0.00	
4555.95	0.00	339.69	4345.00	1121.36	-415.06	1195.71	2.50	-2.50	0.00	Wasatch
4600.00	0.00	339.69	4389.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
4700.00	0.00	339.69	4489.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
4800.00	0.00	339.69	4589.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
4900.00	0.00	339.69	4689.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
5000.00	0.00	339.69	4789.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
5100.00	0.00	339.69	4889.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
5200.00	0.00	339.69	4989.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
5300.00	0.00	339.69	5089.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
5400.00	0.00	339.69	5189.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
5455.95	0.00	339.69	5245.00	1121.36	-415.06	1195.71	0.00	0.00	0.00	Chapita Wells
5500.00	0.00	339.69	5289.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
5600.00	0.00	339.69	5389.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
5700.00	0.00	339.69	5489.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
5800.00	0.00	339.69	5589.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
5900.00	0.00	339.69	5689.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
6000.00	0.00	339.69	5789.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
6100.00	0.00	339.69	5889.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
6200.00	0.00	339.69	5989.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
6300.00	0.00	339.69	6089.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
6400.00	0.00	339.69	6189.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
6500.00	0.00	339.69	6289.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
6555.95	0.00	339.69	6345.00	1121.36	-415.06	1195.71	0.00	0.00	0.00	Uteland Buttes

CONFIDENTIAL



Ryan Energy Technologies

Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: RBU 9-22F
Well: RBU 9-22F
Wellpath: 1

Date: 1/27/2006 Time: 11:54:29 Page: 5
Co-ordinate(NE) Reference: RBU 9-22F, True North
Vertical (TVD) Reference: KB @ 5095' 0.0
Section (VS) Reference: Site (0.00N,0.00E,339.69Azi)
Plan: Plan #1

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6600.00	0.00	339.69	6389.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
6700.00	0.00	339.69	6489.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
6800.00	0.00	339.69	6589.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
6900.00	0.00	339.69	6689.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
7000.00	0.00	339.69	6789.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
7100.00	0.00	339.69	6889.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
7200.00	0.00	339.69	6989.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
7300.00	0.00	339.69	7089.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
7305.95	0.00	339.69	7095.00	1121.36	-415.06	1195.71	0.00	0.00	0.00	Mesaverde
7400.00	0.00	339.69	7189.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
7500.00	0.00	339.69	7289.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
7600.00	0.00	339.69	7389.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
7700.00	0.00	339.69	7489.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
7800.00	0.00	339.69	7589.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
7900.00	0.00	339.69	7689.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
8000.00	0.00	339.69	7789.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
8100.00	0.00	339.69	7889.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
8200.00	0.00	339.69	7989.05	1121.36	-415.06	1195.71	0.00	0.00	0.00	
8260.95	0.00	339.69	8050.00	1121.36	-415.06	1195.71	0.00	0.00	0.00	TD (Proposed)

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4051.89	3845.00	Wasatch Tongue		0.00	0.00
4405.84	4195.00	Uteland Limestone		0.00	0.00
4555.95	4345.00	Wasatch		0.00	0.00
5455.95	5245.00	Chapita Wells		0.00	0.00
6555.95	6345.00	Uteland Buttes		0.00	0.00
7305.95	7095.00	Mesaverde		0.00	0.00
8260.95	8050.00	TD (Proposed)		0.00	0.00

Annotation

MD ft	TVD ft	
550.00	550.00	KOP

CONFIDENTIAL

SURFACE USE PLAN

CONDITIONS OF APPROVAL

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: RBU 9-22F
SHL: 521' FSL & 269' FEL Section 22-10S-20E
BHL: 1650' FSL & 660' FEL Section 22-10S-20E
Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The tribal onsite inspection for the referenced well was conducted on Tuesday, December 13, 2005 at approximately 2:30 pm. In attendance at the onsite inspection were the following individuals:

Dustin Nephi	Technician	Ute Indian Tribe–Energy & Minerals
Jonah Grant	Technician	Ute Indian Tribe–Energy & Minerals
Jim Ashley	Petroleum Engineer	Uintah & Ouray Agency - BIA
Karl Wright	Nat. Res. Prot. Spec.	Bureau of Land Management – Vernal
Ken Secrest	Field Foreman	Dominion E & P, Inc.
Brandon Bowthorpe	Surveyor	Uintah Engineering and Land Surveying
Jonathan Karren	Surveyor Helper	Uintah Engineering and Land Surveying
Randy Jackson	Foreman	Jackson Construction
Don Hamilton	Agent	Buys & Associates, Inc.

1. **Existing Roads:**

- a. The proposed well site is located approximately 11.28 miles south of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the River Bend Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal right-of-way is not anticipated for the access road or utility corridor since both are located within the existing River Bend Unit boundary.
- h. A tribal right-of-way has been submitted for the wellsite, access and pipeline disturbances on Ute Indian Tribe surface.

2. Planned Access Roads:

- a. No new access is proposed since the wellsite is located on the existing RBU 16-22F pad.

3. Location of Existing Wells:

- a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline upgrade is associated with this application and is being applied for at this time. The existing gas pipeline corridor will be upgraded from 2' to 4" from the north side of the well site and traverse 2,300' northeast to the existing pipeline that presently services the RBU 12-23F.
- i. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the southeast side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.

- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. **Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.**
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the northeast.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors and the Ute Tribe will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.

- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On Tribal administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the Ute Indian Tribe. The Ute Indian Tribe recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Ute Indian Tribe under the management of the Bureau of Indian Affairs – Uintah and Ouray Agency, P.O. Box 130, 988 South 7500 East, Ft. Duchesne, Utah 84026, 435-722-4300.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin. A Paleontological Evaluation Sheet has also been included directly following this surface use plan.
- c. Our understanding of the results of the onsite inspection are:
 - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.

- b. No drainage crossings that require additional State or Federal approval are being crossed.

13. Operator's Representative and Certification

<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 2-10-06

PALEONTOLOGY EVALUATION SHEET

PROJECT: Dominion Well RBU #9-22F

LOCATION: Well at 1670' FNL & 1180' FWL in Sec. 23, T10S, R19E, Uintah County, Utah

OWNERSHIP: PRIV[☐] STATE[☐] BLM[☒] USFS[☐] NPS[☐] IND[☐] MIL[☐] OTHER[☐]

DATE: July 13, 2004

GEOLOGY, TOPOGRAPHY and SITE(s) DESCRIPTION:

Wild Horse Bench, rock outcrops are Uinta Formation. Well is next to #12-23F. Most of site previously disturbed.

PALEONTOLOGY SURVEY: YES [☐] NO Survey [☐] PARTIAL Survey [☒]

SURVEY RESULTS: No Fossils Found [☒] Invertebrate [☐] Plant [☐] Vertebrate [☐] Trace [☐]

PALEONTOLOGY SENSITIVITY: HIGH [☐] MEDIUM [☐] LOW [☒] (PROJECT SPECIFIC)

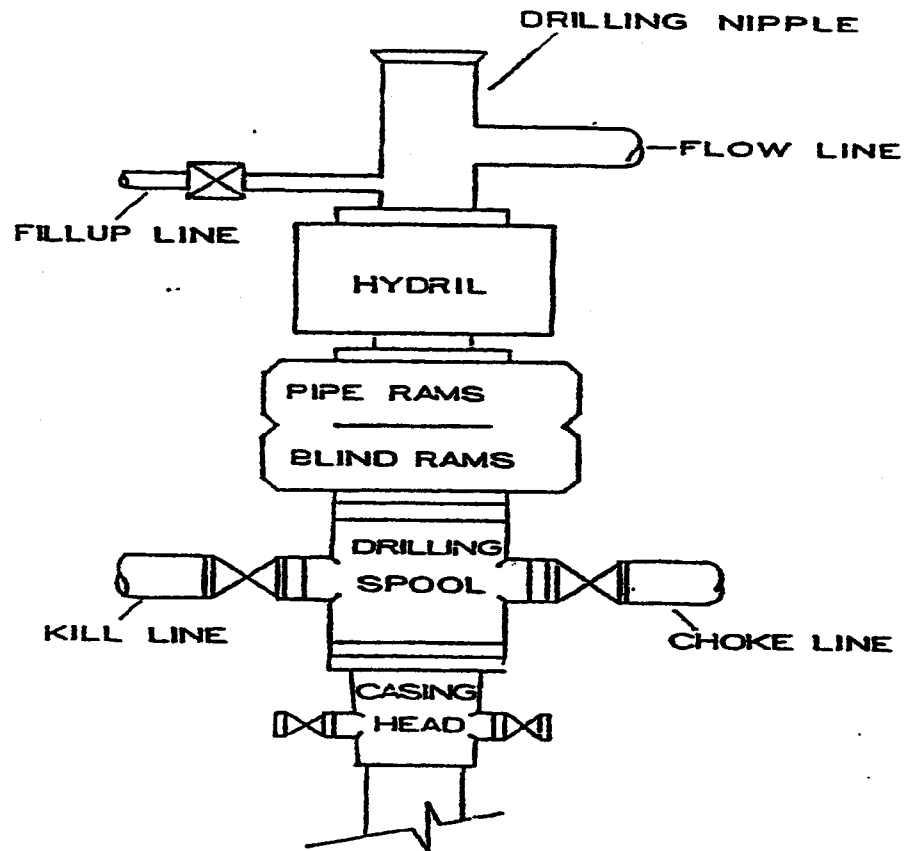
MITIGATION RECOMMENDATIONS: NONE [☒] OTHER [☐] (SEE BELOW)

PALEONTOLOGIST: Alden H. Hamblin

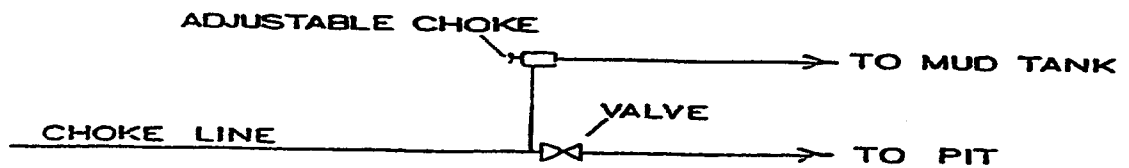
*A.H. Hamblin Paleontological Consulting, 3793 N. Minersville Highway, Cedar City, Utah 84720 (435) 867-8355
Utah State Paleontological Permit # 04-339, BLM paleontological Resources Permit # UT-S-020-023,
Ute Tribe Access Permits – 7/12/04 & 7/27/04. Utah Professional Geologist License – 5223011-2250.*

BOP STACK

3,000 #



CHOKE MANIFOLD



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil ☒ Gas ☐

2. Name of Operator

Dominion Exploration & Production, Inc.

3. Address and Telephone No.

14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1,670' FSL & 1,180' FWL, Section 22, T10S, R20E, SLB&M

5. Lease Designation and Serial No.

U-01470A

6. If Indian, Allottee or Tribe Name

Ute Indian Tribe

7. If Unit or CA, Agreement Designation

River Bend Unit

8. Well Name and No.

RBU 9-22F

9. API Well No.

43-047-35723

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | |
|---|--|
| <input type="checkbox"/> Change of Name | <input type="checkbox"/> Change of Plans |
| <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| <input checked="" type="checkbox"/> Relocation of SHL | <input type="checkbox"/> Dispose Water |

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Dominion Exploration & Production, Inc. requests permission to relocate the surface location for the referenced well following approval of the previously submitted APD to a directional well site with a shorter directional reach. Following is the updated location information for the RBU 9-22F

Surface Location: 521' FSL & 269' FEL, SE/4 SE/4, Section 22, T10S, R20E, SLB&M

Target Location: 1,500' FSL & 900' FEL, NE/4 SE/4, Section 22, T10S, R20E, SLB&M

Attached please find an updated Form 3, plat package, drilling plan and surface use plan to replace those previously approved within the federal and state approval documents.

A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path.

14. I hereby certify that the foregoing is true and correct

Signed Don Hamilton Title Agent for Dominion Date February 10, 2006

(This space for Federal or State office use)

Approved by Bradley G. Hill Title BRADLEY G. HILL Date 03-13-06
Conditions of approval, if any ENVIRONMENTAL MANAGER

RECEIVED

ORIGINAL

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Federal Approval of this
Action is Necessary**

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil ☒ Gas ☐

2. Name of Operator

Dominion Exploration & Production, Inc.

3. Address and Telephone No.

14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1,670' FSL & 1,180' FWL, Section 22, T10S, R20E, SLB&M

5. Lease Designation and Serial No.

U-01470A

6. If Indian, Allottee or Tribe Name

Ute Indian Tribe

7. If Unit or CA, Agreement Designation

River Bend Unit

8. Well Name and No.

RBU 9-22F

9. API Well No.

43-047-35723

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- | | |
|---|--|
| <input type="checkbox"/> Change of Name | <input type="checkbox"/> Change of Plans |
| <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| <input checked="" type="checkbox"/> Relocation of SHL | <input type="checkbox"/> Dispose Water |

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Dominion Exploration & Production, Inc. requests permission to relocate the surface location for the referenced well following approval of the previously submitted APD to a directional well site with a shorter directional reach. Following is the updated location information for the RBU 9-22F

616033X 4420339Y 39.927106 -109.642157
Surface Location: 521' FSL & 269' FEL, SE/4 SE/4, Section 22, T10S, R20E, SLB&M
Target Location: 1,500' FSL & 900' FEL, NE/4 SE/4, Section 22, T10S, R20E, SLB&M

615836X 39.929783
4420634Y -109.644413

Attached please find an updated Form 3, plat package, drilling plan and surface use plan to replace those previously approved within the federal and state approval documents.

FILE COPY

14. I hereby certify that the foregoing is true and correct

Signed Don Hamilton Don Hamilton Title Agent for Dominion Date February 10, 2006

(This space for Federal or State office use)

Approved by BRADLEY G. HILL Title ENVIRONMENTAL MANAGER Date 03-13-06

Conditions of approval, if any

RECEIVED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Federal Approval of this
Action is Necessary

D.V. OF OIL, GAS & MINING

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
**Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.**

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well



Oil Well



Gas Well



Other

CONFIDENTIAL

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

Suite 600

14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

521' FSL & 269' FEL, Sec. 22-10S-20E

5. Lease Serial No.

U-01470A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

River Bend Unit

8. Well Name and No.

RBU 9-22F

9. API Well No.

43-047-35723

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Acidize



Altering Casing



Casing Repair



Change Plans



Convert to Injection



Deepen



Fracture Treat



New Construction



Plug and Abandon



Plug Back



Production (Start/Resume)



Reclamation



Recomplete



Temporarily Abandon



Water Disposal



Water Shut-Off



Well Integrity



Other



APD Expiration.

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

The State APD for this well expires May 8, 2006. Dominion is hereby requesting a one year extension.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 04-22-06
By: [Signature]

5-12-06
[Signature]

14. I hereby certify that the foregoing is true and correct

Name (Printed Typed)

Carla Christian

Title

Sr. Regulatory Specialist

Signature

[Signature: Carla Christian]

Date

4/21/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

APR 24 2006

DIV. OF OIL, GAS & MINING

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-35723
Well Name: RBU 9-22F
Location: Section 22-10S-20E, 521' FSL & 269' FEL
Company Permit Issued to: Dominion Exploration & Production, Inc.
Date Original Permit Issued: 5/17/2004

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

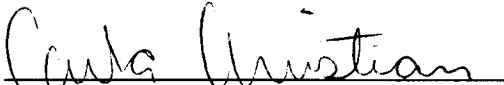
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

4/21/2006
Date

Title: Sr. Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

RECEIVED

APR 24 2006

DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 22, 2007

Barbara Lester
Dominion Expl & Prod Inc.
14000 Quail Springs Parkway
Oklahoma City, OK 73134

Re: APD Rescinded -RBU 9-22F Sec. 22, T. 10S R. 20E
Uintah County, Utah API No. 43-047-35723

Dear Ms. Lester:

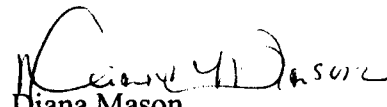
The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on May 17, 2004. On May 8, 2005 and April 27, 2006 the Division granted a one-year APD extension. On May 22, 2007, you requested that the division rescind the state approved APD.

No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective May 22, 2007.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Green River District

Vernal Field Office

170 South 500 East

Vernal, UT 84078

<http://www.blm.gov/ut/st/en/fo/vernal.html>



February 25, 2013

IN REPLY REFER TO:
3160 (UTG011)

Rick Redus
XTO Energy, Inc.
PO Box 6501
Englewood, CO 80155

43-047-35723

Re: Request to Return APD
Well No. RBU 9-22F
SESE, Sec. 22, T10S, R20E
Uintah County, Utah
Lease No. UTU-01470A
River Bend Unit

Dear Mr. Redus:

The Application for Permit to Drill (APD) for the above referenced well received in this office on February 13, 2006, is being returned unapproved per your request to this office in an email message to Natural Resource Specialist David Gordon received on January 10, 2013. If you intend to drill at this location at a future date, a new APD must be submitted.

If you have any questions regarding APD processing, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka
Assistant Field Manager
Lands & Resource Minerals

RECEIVED

MAR 22 2013

DIV. OF OIL, GAS & MINING

Enclosures

cc: UDOGM

bcc: Well File
Don Hamilton